Serving Florida Amateurs Over A Quarter Century

florida SKIP

NON-PROFIT CORPORATION

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WEST PALM BEACH FLOODING

By Manny, W4SS - SEC So. FL ARRL

Just a note about our "adventure" on Turkey Day this past Nov. when I turned on the repeater on 07/67 this past Thanksgiving, I got a call from Allen Richter, W4PHL, the communications coordinator for Palm Beach County Division of Emergency Management, asking for amateur participation in a flooding situation in the center of West Palm Beach. During the period from two in the morning until six a.m., a total of 7 inches of rain had fallen in a one square mile area in West Palm Beach. The rest of the county had rain but not to this extent.

Since this was localized, not too many people outside of the affected area were aware of the severity of the problem. C.D. asked that we activate the E.O.C. operating positions and dispatch operators to the area, to the Red Cross H.Q. and to the local transportation bus barn. Within 10 minutes after having been called Joe Macy, AA4JM, reported to the EOC, WA4HXZ was enroute to the affected area, and WA4FAP reported to the bus barn. Other amateurs were dispatched to the Red Cross shelter and to R.C. Hq.

More than 300 people were evacuated from the area, electricity was shut off, and emergency measures were invoked for the next 48 hours. The amateur net was secured at 4 p.m. on Thursday but was activated again by county officials at 7 a.m. on Friday because of the worsening weather conditions. The Friday net was secured at 5:30 p.m.

Since this was a holiday, virtually none of the county offices were open except the Div. of Em. Mgt. All of the communications was handled by amateurs except those of the Sheriff's Dept. Even the Transportation Dept. communications was out of order because of the high water. the entire emergency depended upon amateur radio. Once again the amateurs of Palm Beach County came forth and performed admirably.

All of the county officials from the county administrator to all of the county commissioners were aware of the roll that amateur radio played. Through the efforts of Mr. B.T. Kennedy, director of Div. of Em. Mgt. and Allan Richter, his communications director, a Resolution of Commendation was issued by the county commissioners ('84-'85) on Dec. 18, 1984 thanking the amateurs of Palm Beach County for their participation in this emergency.

COMING EVENTS

Miami 25th Tropical Hamboree Feb. 2 & 3
Citrus County Hamfest, Feb. 9th
Stuart Hamfest, Feb. 16th
Ft. Myers City of Palms Hamfest, Feb. 23rd.
Hernando County Hamfest, Mar. 2nd.
Orlando Hamcation, Mar. 8, 9, and 10th.
FLORIDA QSO PARTY May 4th & 5th
Playground Amateur R.C. Swapfest Mar. 16 & 17
So. FLA ARRL Suncoast Hamfest Oct. 12 & 13.

SECOND CLASS MAIL

Here are a few of the 91 amateurs who handled communications in the 1985 Orange Bowl Marathon in Miami Jan. 5th. Four local repeaters were used plus one simplex. The Dade Co. Comms van was base for all NCS operators and the Event Coordinator K4EAU. See story elsewhere. L to R: KE4QF, KA4HAZ, K4EAU, WB4-BVO, WD4LKY, W4IYT, WD4ACJ, W4SQG. Back: K4BKZ and KB4LGK. O.B. Official were very happy with services by all amateurs participiating. (Photo by KB4ES.)

ORANGE BOWL ACTIVITIES

Once again, Dade County ARPSC amateurs were very active in the 1985 Orange Bowl activities. It started with the Junior Orange Parade in Coral Gables Dec. 29, 1984, with 8 amateurs providing communications for the JOB Officials.

Dec. 31st — Then the next day came The King Orange Parade which was nationally televised. Again some 18 amateurs coordinated the communications to get all the buses in the lot at Bayfront Park, to get the parade moving on time and getting it stopped for the TV coverage at the correct time. This year 2 meter simplex was used on all events, except the Junior Orange Bowl Parade. Simplex in the Orange Bowl on the low power worked perfectly, better in some places than the Motorola HT-90s some of the O.B. Officials were using. During the O.B. night parade two simplex frequencies were used. One for parade movement and the other for the emergency tugs and other odd jobs. Both NCSs were in contact with each other separated by only a couple blocks.

Jan. 1st. — Next came the big Orange Bowl Game with 9 amateurs working with O.B. officials in providing private intercomm communications throughout the large Orange Bowl complex. Not only did they handle communications, they did many other odd jobs that popped up. If you saw the half-time show you will realize the tremendous amount of work that had to be on a split-time-basis. Mr. Gene Cokeroft, Asst. O.B. Production Director, said, "The amateurs did an outstanding job, and we surely want them back next year. . ."

The biggest project of all O.B. activities, Jan. 5th, was the O.B. Marathon. With two thousand runners, and about a dozen wheelchairs in the event, 91 amateurs using 5 repeaters to cover the entire 26 mile run. An amateur was at each mile marker, plus all first aid stations, with the Coral Gables Police, the Miami Police Hq., the WIOD Radio mobile van (who gave amateur radio excellent publicity) and other key points along the route.

QSY to Back page

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266

SILENT KEYS IN FLORIDA

We are deeply sorry to report the passing of the following Amateur Radio Operators:

W2ZK/4	A. H. "Bud" Waite	Venice
W4JZV	F. E. Breckenridge	DeLand
W4TIE	H. Ratcliff	Boca Raton
KA4CUC	Ed Heintz	Edgewater
K4FY	Oscar Presnell	Cape Coral
WB4KOE	A. C. Burghdoff	Ellenton

EX CALLS - THEY NEVER STOP!

Here is another healthy list of EX CALLS. Send in yours with your next HAMB A R or Renewal.

N4IPM	ex	KB4DVZ
KI4DJ	ex	WB4ESA KA9CYG
W4QBP	ex	W3HFI
WW4W	ex	WD4OAR
KI4IT	ex	KB4EWH
W4JZB	ex	2BMX, W2KKZ
KI4MO	ex	KA4GFL
N4JTZ	ex	8CQU, U8CQU, NU8CQU W8UQU. W5ELO EL1C, RX1B, HR2T, YN 1HA
WZ4S	ex	WA4BVM
W4ILE	ex	W8NJA, W9VKQ
KI4MW	ex	KB4HSX
W4NWF	ex	W9BYQ, W8DGU, W8IUZ
K4UY	ex	W9RB, 9RC
K4JQA	ex	W3EFZ, W6NJY, W9FSC, XU1RP, W4OVV DL4OU, DU0DM, KZ5SFZ
AA4G Q	ex	N4DMD, YN1MO/W4, CO2MO, CM8MC.
K4CYN	ex	W8EII, W8SGX, W2SGX,
N4KMZ	ex	KA4NFR
K4JUW	ex	K4UGE, K3EZR, K1UCC, DL4MX DL5GV
N4AQ D	ex	W9OQI (32) W2VAT, W4VMS
WA4OTS	ex	W5QQA K1JSL
N4LDF	ex	KB4JGX
WX4J	ex	N4GDT
KF4DD	ex	K2QXH
WZ4Z	ex	KF4UG
W4PDE	ex	3ATW NU3ATW W3ATW W4MQX W5HPT W6PEW W4HIE K2QKJ KP4AAY KS4CA KZ5PM and W3CIN.

FREE CALENDARS

It's that time of year again when FLORIDA SKIP offers a neat Ham Shack size, multi-colored calendar FREE to its members. This will be our 22nd year in sending out free calendars. Needless to say, we have given away thousands of calendars during this time of period. It measures 3½ by 5¾ inches. It has on each page (month), last as well as next month in large bold numbers. Easy to read at a distance. These calendars cost SKIP about 26 cents each, but they are free to all members, however; if you wish you can send a small donation. To get your free calendar, send a SASE (Self Addressed Stamped Envelope) to Calendar, FLORIDA SKIP, P.O. Box 501, Miami Springs, FL 33266. Thank you & SEASONS GREETINGS! !

GUEST EDITORIAL

A Reminder to Operators of All Modes

By Larry Amann, K5TQN

While I defend George X Sand's (W4EOB) right of free speech, and commend SKIP for its equal time policy, I am saddened by the frenzy and the fury of George's tirade against the phone "no code" operator in the January issue of SKIP. And, while I am reasonably certain that there are mitigating circumstances for George's dramatic outburst, I am even more saddened that the temper of his rhetoric is a typical example of the disunity which unfortunately is increasing at an alarming rate within our ranks. A divisivness which is tearing us apart while our common enemies wait on the sidelines for our demise.

If I may reflect for just a moment of nostalgia. When I span in retrospect the intervening decades since I tapped on my first key, I find it difficult to pinpoint a period when, from the puriest's point of view, Ham radio was solely the CW operator. It certainly had to be before I passed the 20 WPM code check for my first Commercial license. Perhaps it was before I built my first chemical rectifier using aluminum and lead electrodes and a solution of 20-mule team borax and water in 48 of my mother's jelly jars. And it certainly had to be before I unknowingly intruded on FM courtesy of loop modulation using a carbon mike and a turn of lamp cord inserted in the grid side of my transmitter's tank coil. And, with due respect for George's sincere but subjective opinion, Ham radio is certainly not now solely the CW operator. In fact, CW is unfortunately a proportionately smaller and fast decreasing part of Ham radio.

But, the important questions facing us today are not who or what is Ham radio, but where is Ham radio going? And with our present propensity to self destruct some pertinent questions are in order:

Of course the first question is how long is it going to take us to get where we are heading?

Are you familiar with the Amateur Radio Code, and do you make a conscious effort to abide by it?

Have you talked to the FCC recently and/or are you cognizant of their opinion of Amateur radio?

Have you read any of Wayne Green's recent editorials commenting on the dangers within and without our ranks which threaten our very existence? And do you honestly believe that these dangers threatening the integrity of Ham radio are exaggerated?

And, in regards to George's reference to the "no code" farce, for all those who do not believe that "no code" exams are inevitable, have you any other suggestions to increase the waning interest in Amateur radio and thus decrease the adverse attitude of the FCC?

Amateur radio is much more than just a hobby of diverse interests. It is also a rewarding and purposeful avocation with a significant impact on the welfare, the economic structure and the defensive posture of our nation. An avocation worthy of every effort to save it. And the best and quickest way to start this effort is to realize that our ranks are fraught with divisiveness, and to admit that to compromise is much wiser than to self destruct.

Larry Amann, K5TQN
4734 Waterview Dr.
Holiday, FL 33590

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Enclosed is $5.00 for 1 year membership to FLORIDA SKIP.

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Silver Anniversary

TROPICAL HAMBOREE

ARRL SOUTHEASTERN DIVISION CONVENTION

February 2-3, 1985

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(N.W. 37 Avenue & 7 Street)
Miami, Florida

Presented by

DADE RADIO CLUB, INC.
P.O. Box 350045-Riverside Station
Miami, Florida 33135-0045

HOURS: SAT.: 8 a.m. to 5 p.m. / SUN. : 8 a.m. to 4 p.m.

REGISTRATION (ADVANCE) $4.00
Deadline on Advance Registration, Jan. 29th
REGISTRATION AFTER JAN. 29th $5.00
REGISTRATION TICKETS VALID BOTH DAYS

All persons attending Hamboree are required to have Registration Ticket.
Children under 12 free when accompanied by a registered adult.

SWAP TABLES (ADVANCE) $14.00
Deadline on Advance Table Res. Jan. 29th
TABLE CHARGES COVER BOTH DAYS
SWAP TABLES AFTER JAN. 29th $16.00

All persons reserving Swap Tables must have Registration Ticket. Tables are 8' x 30", covered with white plastic. Power available is limited to existing outlets and not guaranteed with table rental. Swap Shop Move-In is Friday, Feb. 1st—2:00 P.M. to 8:00 P.M. and Saturday 5:30 A.M. - 7:30 A.M.

Chairman ..... EVELYN GAUZENS, W4WYR
Tel. (305) 642-4139

Co-Chairman ..... JOEL KANDEL, KI4T
Tel. (305) 596-9373

PROGRAM HIGHLIGHTS

– SATURDAY –

AMERICAN RADIO RELAY LEAGUE REPORT

25 YEARS OF TRANSMATCHES & ANTENNAS
Lew McCoy, W1ICP

RTTY BASICS
Bill Henry, K9GWT

AMATEUR TV • DX FORUM

FCC PRESENTATION NATIONAL & REGIONAL

ALL NEW!!! WIRE ANTENNA DEMONSTRATION
Arthur & Madeline Greenberg

– SUNDAY –

AIR FORCE MARS MEETING

FLORIDA REPEATER COUNCIL MEETING

VOLUNTEER EXAM COORDINATORS
Curt Holsopple, K9CH (ARRL)
Tom Ingram, K4OO (CAVEC)

PACKET RADIO SEMINAR
Paul Rinaldo, W4RI
FADCA MEMBERS AND OTHER NATIONAL PACKET RADIO EXPERTS

EXHIBITS & PROGRAMS ARE PLANNED FOR NON-HAMS BOTH DAYS

AWARD HIGHLIGHTS

- IBM COMPUTER SYSTEM
- TRIO-KENWOOD TS930S
- ICOM IC751
- VIDEO RECORDERS
- TRIO-KENWOOD TS430S
- ICOM IC730
- COMPLETE MOBILE STATION COURTESY AMATEUR RADIO CENTER (KENWOOD 7950 & HUSTLER 5/8 WAVE TRUNK LIP MOUNT ANTENNA)
- ICOM IC202 COURTESY N & G DISTRIBUTING
- AWARDS AT ALL PROGRAMS
- SPECIAL AWARD AT ARRL BOOTH
- LADIES AWARD OF A DIAMOND & SAPPHIRE RING

THE BEST OF TWENTY-FIVE HAMBOREES ON ONE WEEKEND IS OUR THANKS TO YOU FOR YOUR GENEROUS SUPPORT—Dade Radio Club

:::: MIKE'S ELECTRONICS ::::

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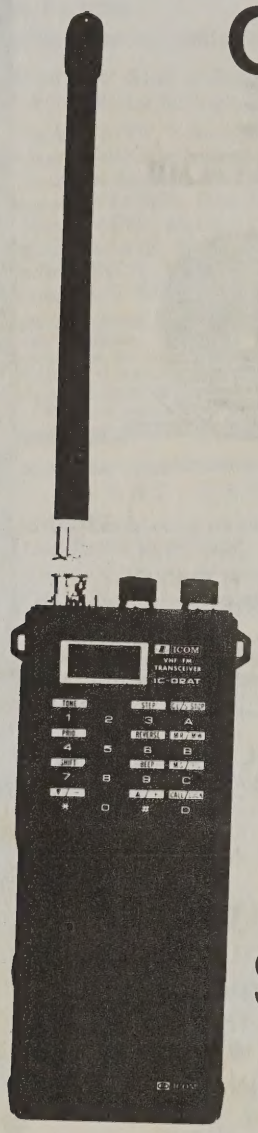

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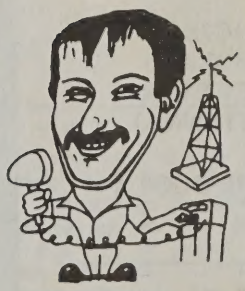

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QCWA BUILDING FUND ESTABLISHED

The QCWA Board of Directors, at the annual meeting in Windsor Locks, CT. accepted the recommendation of the Long Range Planning Committee and authorized an account to accept contributions to a QCWA Building Fund. This action was taken with full expectation that QCWA will continue to grow and that at some time in the future a larger and more permanent headquarters will be needed.

By initiating the fund now, accepting contributions and bequeaths over the next few years and investing wisely, QCWA will be in a favorable financial position to consider a permanent QCWA-owned headquarters when the time is appropriate.

The new building fund is not in competition with our Memorial Scholarship Fund and continued support for that program is encouraged.

Contributions to the building fund will enjoy the same tax considerations as those to the scholarship program. All contributions should be sent directly to QCWA Headquarters in Irving, TX., where they will be acknowledged and reported in the QCWA News.

FAA REPORTS AIRPORT X-RAYS NOT HARMFUL TO DISKS

Because computerists traveling through airport security devices have shown concern for their disks and bubble memories, the FAA in a recent newspaper article in the Ft. Lauderdale Times/Sun Sentinel reports that the magnetic fields generated by their metal detectors are very weak, typically 1 gauss. Designed that way with pacemaker wearers in mind, it is considered safe, since it would take 200 to 300 gauss to damage magnetic storage materials such as tapes and magnetic disks, said Dr. William Wall of the FAA aviation security technical center near Atlantic City, N.J. Wall said that the typical X-ray machine used to examine luggage generates a weak field about 1,000 times less than levels that would damage solid state components, and pose no threat to magnetic tapes.

It was also mentioned that should anyone feel uneasy about exposing their equipment to security devices, they have a right to have it hand inspected according to the FAA.

(QUA FLA.-MARS)

HOLIDAYS

New Year's Day	Tuesday, January 1
Lincoln's Birthday	Tuesday, February 12
St. Valentine's Day	Thursday, February 14
Washington's Birthday	Monday, February 18
Orthodox Lent Begins	Monday, February 25
Ash Wednesday	Wednesday, February 20
St. Patrick's Day	Sunday, March 17
Palm Sunday	Sunday, March 31
First Day of Passover	Saturday, April 6
Good Friday	Friday, April 5
Easter Sunday	Sunday, April 7
Orthodox Easter	Sunday, April 14
Mother's Day	Sunday, May 12
Victoria Day (Canada)	Monday, May 20
Memorial Day	Monday, May 27
Flag Day	Friday, June 14
Father's Day	Sunday, June 16
Canada Day	Monday, July 1
Independence Day	Thursday, July 4
Labor Day	Monday, September 2
First Day of Rosh Hashana	Monday, September 16
Yom Kippur	Wednesday, September 25
Columbus Day	Monday, October 14
Thanksgiving Day (Canada)	Monday, October 14
Halloween	Thursday, October 31
Election Day	Tuesday, November 5
Veterans Day	Monday, November 11
Thanksgiving Day	Thursday, November 28
First Day of Hanukkah	Sunday, December 8
Christmas	Wednesday, December 25
Boxing Day (Canada)	Thursday, December 26

1985

PRIZES CONTESTS

AMATEUR RADIO

FORUMS SWAP TABLES

FORT MYERS

PRESENTS 1985

CITY OF PALMS "HAMFEST" CLUB

SATURDAY FEB. 23, 1985
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PLUS
THE MAIN PRIZE

KENWOOD TR-7950

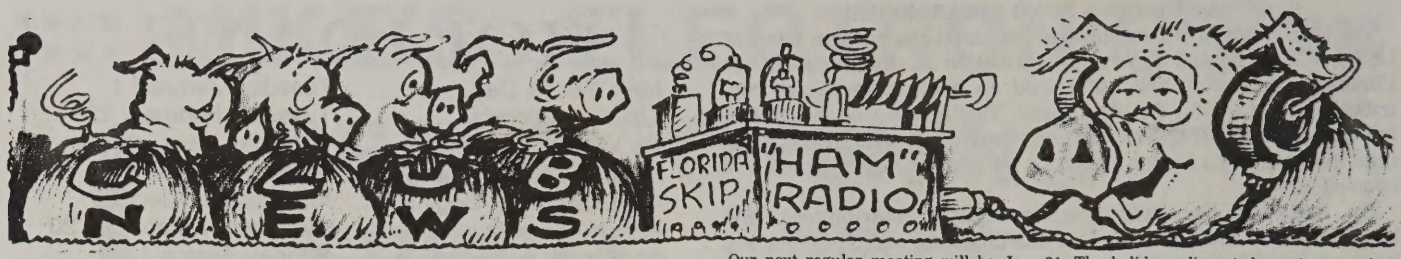
2ND PRIZE

KENWOOD TH-21-AT H.H.

3RD PRIZE

VIC-20 COMPUTER

TALK-IN 146.28/88



SOUTH FL FM ASSOC., INC.
By Richard J. Martone, N4ALR

In December, the SFFMA meeting allowed for an added benefit.

In addition to the DX hunting advice of Don Streaker (who has been in ham radio for 20 years), we had the benefit of DX hunting knowledge from Don Murray, W4WJ. They told of the intricacies of ordering the proper stamps, for the return of QSL cards from overseas. Also covered were details of QSL card Bureaus, such as the QRRL Incoming and Outgoing Bureaus. The proper equipment is also of great value. It was suggested to use an outboard VFO for best results.

The SFFMA provides manpower and communications for various public service events. At the Orange Bowl game half-time festivities there was activity coordinated and arranged by Charlie Bukowsky, WD4LKY. At the Orange Bowl Marathon, SFFMA President Ron Ploude, KE4QF was involved to keep track of where the runners were located; and Harry Pilafian for the VIP Net was to note locations of individuals such as Doctors, etc.

During the December meeting the club members took the opportunity to welcome the following new members by taking a vote and voting them in. The new members are Dallas R. Cox, WD8KJV, Roberto J. Escallon, WB2FXB, Rene J. Freret, KB4LGK, Frank Halland, K4BX, and Arthur R. Rauch, W4VZ.

If you are not a member of the SFFMA and would like to visit, you are welcome to come and observe us in action at an upcoming meeting. Please see the Florida Skip "Directory" for details of time and location.

INDIAN RIVER AMATEUR RADIO CLUB
By Gloria Wallace, KA4ZCD

Well, a new year is upon us and the new officers will take over for the next year of operation of our group. The new officers are President Ron Wiesen, WD8PNL; Vice Pres. Wally Jones, KA4WYU; Secretary Bill Richards, WB4WYG; and Treasurer Ted Wallace, W4LJB.

The trailer has been repaired and refurbished by Will, WB4WYG, who scraped, wire brushed, treated, repaired and painted. Looks real nice Bill, es tnx fer a job well done.

We still have a tower and a 4 element beam for sale. The tower is about 60 ft. and the beam is a four element tri-bander, it includes 3/8 inch guys and stainless fittings and a length of feed line. They are asking $150 for tower and $125 for beam. If you are interested in it guys call Orton Duggan at 636-1728. This is a real beauty donated to the IRARC by Jim W4MFH.

It has been reported that Walter Ward's XYL passed away Dec. 31. We wish to express our heartfelt sympathy to Walter and family on their loss.

Come to the next meeting, enjoy good fellowship, coffee, and doughnuts. 73 & 88 all.

MANATEE AMATEUR RADIO CLUB — K4GG
By Bob Clayton, KI4MM

Our January meeting featured board member Larry Pearsall, W9FDY, who demonstrated the design and construction of coils, big and little.

Enthusiasm is running rampant. Membership and treasury figures are at an all-time high. We welcome new member Sam Caryll, W3BGT, from McKees Rocks, PA.

A hospitality committee is being formed. Harry Lord, K4QJ, our Education Committee Chairman, is planning classes for Technician and General study. Antennas are already being checked out for Field Day, according to Co-chairman R.B. Boone, WB4FNH, and Jack Campbell, WB4ROY. Increased publicity opportunities are being explored. A special events station is planned at the De Soto National Memorial.

Joe Scungio, N4KFU, has upgraded to Extra Class and is becoming prominent in the traffic nets. Look for him in the FLORIDA SKIP "Net News" department.

Our next exam for upgrading will be February 16, 10 A.M. to 2 P.M., at the St. Joseph School, Bradenton. For further information, call our chief examiner Joe Bische, WB4I, at 756-4990.

See you all at our next meeting, February 5, 7 P.M. at the Bradenton Downtown Library.

FELLOWSHIP AMATEUR RADIO CLUB INC.
By Zelma Shaw, Corresponding Secretary

Another year has come and gone and we have a new set of officers and many high hopes for the betterment of our Club. Let's all pull together.

As this goes to press the Orange Bowl Marathon is being made history. Our club had 20-25 members assisting in the reporting of positions of runners and other duties. This is an annual event for Fellowship Club.

We have a new trustee for our repeaters. He is Harry (Duke) Dukas, WI4GH. We deeply appreciate the longevity and dedication of our previous trustee, Al, N4AXQ.

DADE RADIO CLUB
P.O. Box 350045
Riverside Station
Miami, FL 33135
1st & 3rd Tuesday
Museum of Science
3280 S. Miami Ave. Miami, FL 33129
Sponsor of
TROPICAL HAMBOREE

Our next regular meeting will be Jan. 24. The holidays disrupted our two previous meetings. A happy New Year to all.

The Dade Radio club Hamboree will be Feb. 2 and 3 at Flagler Dog Track. Our club will have a table for sales of items you members bring in, everybody. We have a booth upstairs for members and friends to meet. If you wish, pay your dues then also. We will have a raffle for a miniature 440 H.T.

A welcome visitor came to the Dec. meeting. Herb (Uncle Hush Puppy), WA4UHP. He and his wife Jean were visiting relatives in Hollywood. They live in Chattanooga, Tenn.

QUIP: Many a woman's last-minute shopping race for a gift for her husband ends up in a tie.

FT. MYERS AMATEUR RADIO CLUB NEWS
By Earl Spencer, K4FQO

History has gobbled up 1984 and charged us with 1985. I trust that we will do as well or better in the coming year as we did in the past one.

Leroy, WD4CHO, did not start the year out very well. Seems he had a small station set up in his motor home which is parked alongside his house. Someone broke into his motorhome and the only thing missing was ham gear and cameras. Sounds kinda funny doesn't it. Hope you get it back Leroy.

Christmas and New Years was nice to everyone else I think. I didn't hear any complaints. Santa Claus spent a few minutes on the 28/88 machine Christmas Eve and talked to a few youngsters. Seems they were excited.

Well our two busiest months are on us. We have lots of work coming up. The Fair will be here for ten days and the club has a booth set up as usual. Following that is the Edison Pageant of Light Parade, one of the largest events that the amateurs participate in every year, and following that is the FMARC "Hamfest" which I now plug.

Everyone remember the date: Feb. 23, 1985 . . . and the place is the Moose Lodge Hall on Parkmeadow drive off US 41 in South Fort Myers. If you still need a table, call me and I will let you know if there are any left. It is going to be the best hamfest here yet and you will regret missing it. We will have "new" dealers and lots of swap tables, plus the Moose Club is going to serve for us. I hear it will include freshly prepared food served at the counter. They say they are the best cooks in town.

So it was a busy year and looks like we are in for another busy one in 1985. Our thanks to everyone in the club that worked so hard for us and helped make the FMARC a large and active organization. Not many clubs can boast of the acclaim that we do and I think we are fortunate to have all the good workers in our club. Louis, WD9AEP and myself thank all of you for making our jobs so successful.

1735 Hanson St., Ft. Myers, FL 33901/813-332-1503.

SE-V-ARC
By Frank, N4EDH

FLASH BACK — "A Very Good Year 1984".

We all enjoyed our Christmas party very much, with good food and large amounts of good fellowship.

Ed Johnson, KB4HPR served champagne in celebration of his "upgrading" to General Class. A very nice way to end 1984, and look at all that nice DX just waiting for you in 1985 Ed!

In 1984, our club became alive with all sorts of activity. I look back at the picnics with all the nice clean fun, and I just know that we will have more in the new year. Remember the Traffic Booth during the Fourth of July celebration? This was followed up with a Amateur Radio talk and demo; I hear they want us back again. Then came the idea of setting up the Fish Memorial Hospital with the Holiday Traffic Program for all the patients and employees. Then it was alot of fun setting up the Certificate of Merit for Claude, K4SCZ, who else has something such as that and has not told us yet?

We also have a small voice in the best Amateur Radio publication in the state of Florida, known to all as "Florida Skip", all in all, I would say, "That was a very good year!!"

POLK COUNTY RADIO AMATEURS
Lakeland Repeater: 146.085-.685

Congratulations to the new officers of the Lakeland Radio Club: President, Wally Beck, WD4ONK, Vice President, Bill Gilman, WT4F, Secretary, John Smith, KA4NQK and Treasurer, Norm Weddell, W9HOH. Let's all get behind the new team in 1985. Many thanks to the outgoing officers who did such a fine job last year. One of the new Club projects is the Ham Radio training program, headed by Norm Darch, W2HGV. Training classes started January 9th at Lakeland Police headquarters and will culminate in exams for all classes under the ARRL VE program. Bill Gilman, WT4F, is coordinator. Call him at 858-9723 for more details. There will be follow up programs and exams so if you can't make the first phase get registered for a later one.

Our sincere thanks to Notra Stoner, W4BGF, and Lillian Zottu for the wonderful Christmas party this year. Over 70 attended and there was much good cheer!! Our New Year ham radio resolutions should be: attend the regular Wednesday lunches at Season's Restaurant, 2410 S. Florida Ave., Lakeland (11:30 a.m.); check in to the following nets: Lakeland Radio Club, 2 meter repeater, 8:00 p.m. each Thursday night; QCWA net, each Saturday, 10:00 a.m., 7243 khz and bring someone new into ham radio before the year is over.

73, Jim gundry, W4JM

HERNANDO COUNTY A.R.S.
By Al Lutenslager, KA4WLO

The Hernando County Amateur Radio Association held its first 1985 meeting at Sam and Angie's on U.S. 19 south of Weekie Wachie on January 10th. This was the first meeting presided over by the new president, Lee Kent, WA3YMV.

Pat Brayton, WB4EXA, is chairman of the forthcoming hamfest to be held March 2nd at the Hernando County Fairgrounds on U.S. 41 south of Brooksville. There are spaces available at the present time for those who wish to sell their products and equipment. Contact the club at the P.O. Box address found elsewhere in this issue.

After a short business session the meeting was adjourned and dinner was enjoyed by the members and their spouses. Several prizes were awarded after the dinner.

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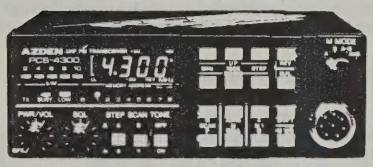
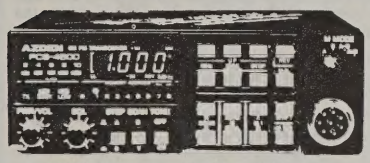
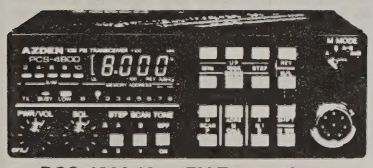
THE 4000 SERIES



PCS-4300 70-cm FM Transceiver



PCS-4500 6-m FM Transceiver



PCS-4800 10-m FM Transceiver

- **WIDE FREQUENCY COVERAGE:** PCS-4000 covers 142.000-149.995 MHz in selectable steps of 5 or 10 kHz. PCS-4200 covers 220.000-224.995 MHz in selectable steps of 5 or 20 kHz. PCS-4300 covers 440.000-449.995 MHz in selectable steps of 5 or 25 kHz. PCS-4500 covers 50.000-53.995 MHz in selectable steps of 5 or 10 kHz. PCS-4800 covers 28.000-29.990 MHz in selectable steps of 10 or 20 kHz.
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- **MICROCOMPUTER CONTROL:** At the forefront of technology!
- **UP TO 8 NONSTANDARD SPLITS:** Ultimate versatility. COMPARE!
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- **DUAL MEMORY SCAN:** Scan memory banks either separately or together. COMPARE!
- **TWO RANGES OF PROGRAMMABLE BAND SCANNING:** Limits are quickly reset. Scan the two segments either separately or together. COMPARE!
- **FREE AND VACANT SCAN MODES:** Free scanning stops 5 seconds on a busy channel; auto-resume can be overridden if desired. Vacant scanning stops on unoccupied frequencies.
- **DISCRIMINATOR SCAN CENTERING (AZDEN EXCLUSIVE PATENT):** Always stops on frequency.
- **TWO PRIORITY MEMORIES:** Either may be instantly recalled at any time. COMPARE!
- **NICAD MEMORY BACKUP:** Never lose the programmed channels!
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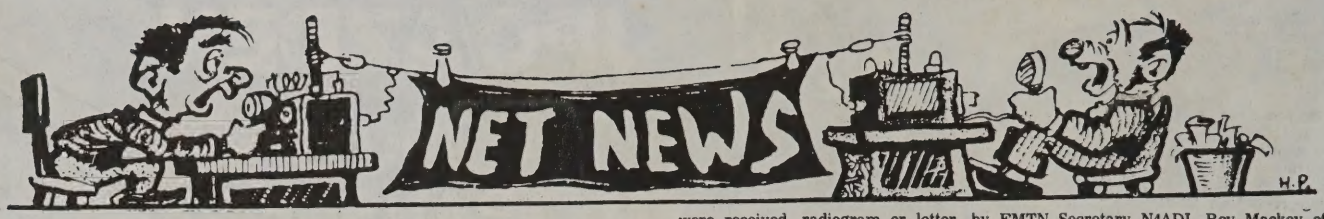


TRAFFIC HOUNDS — DECEMBER 1985

By K4ZK, STM So. Fla.

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1068	34.5	1634	52.7	31	WB4AID
QFN	1149	18.5	1516	24.5	62	K4IA
GN	448	14.5	885	28.5	31	KB9LT
FPTN	1309	42.2	774	24.9	31	WB4WYG
TPTN	836	27.0	714	23.0	31	WA4QXT
FAST	751	12.1	369	5.9	62	WD4HHH
SVTN	584	18.8	338	10.9	31	KB4LB
FMSN	486	15.7	331	10.7	31	AA4BN
GCVTN	675	21.8	302	9.7	31	K4VND
SWFTN	1097	42.2	290	11.1	26	K9ALX
NFPN	1388	44.8	287	9.3	31	KC4FL
SEFTN	753	24.3	267	8.6	31	KF4RL
VEN	376	12.1	202	6.5	31	W4LDY
QFNS	271	8.7	137	4.4	31	WB4YQP
LSTTN	1058	34.1	134	4.3	31	NQ4P
FPON	693	22.3	110	3.5	31	WB4GCK
CFRN	123	4.0	96	3.1	30	WB4GHU
SPARC	859	27.7	35	1.1	31	K5IHH
PRVAN	22	4.4	16	3.3	5	K4VSN
ENMC	30	10.0	9	3.0	3	K4ZK
DEN	216	54.0	7	1.7	4	KB4CVN
PBTN	243	15.2	6	0.4	16	K4FHW
MCEN	96	24.0	4	1.0	4	WB4PQN

FINAL NOTICE

Any net, club or individual who wishes to be listed on a "special donation page" in the New FLORIDA Traffic Routing Guide, should kindly send your donation from one dollar up to: TFC Guide, c/o FLA. SKIP, P.O. Box 501, Miami Springs, FL 33266 before Jan. 31st.

The new edition, edited by Ron Mettlen, WB4GHU, will be off the press and ready for mailing by mid-February. It will be packed full of info for the traffic handler. The price will be around $3.50 plus 50¢ postage. More details later.

TOP TWENTY TRAFFICERS

By WA4PFK & WF4X

1.	W3CUL	3973	11.	WB4TZR	733
2.	WD4IIO	2538	12.	WD4KBW	667
3.	WX4H	1552	13.	W4NFK	639
4.	N4PL	1247	14.	WA4PFK	582
5.	W3VR	1142	15.	K4EUK	559
6.	WF4X	1127	16.	AA4GF	552
7.	WF4Y	910	17.	KB9LT	500
8.	WA4QXT	910	18.	WB4ADL	449
9.	KA4AMC	868	19.	KC4VK	416
10.	K4ZK	856	20.	N4IYU	390

FLORIDA MIDDAY TRAFFIC NET

By Al Suhr, WB4AID

For the past NINE years WB4AID has been Manager of FMTN. On December 31, 1984 a respectful request was made to rotate the Managership of FMTN effective February 5, 1985 end of that net session. N4UF, who has been Senior Assistant FMTN Manager for almost as long, has also requested to be relieved of duty during the same nomination and election process. Neither WB4AID nor N4UF are intending to leave the net and expect to remain active in other ways for FMTN. So, when you read this column next month the new officers will be announced. The request mentioned above was made by WB4AID whose professional commitments have increased. N4UF has also professional pressures.

During the past nine years about every emotion possible has made its impression on me (not writing personally). There have been a few trying times, but, any administrator knows they can be somehow worked out. However, there has never been such a loyal group of people with whom I have had the privilege to associate myself that I can remember during my lifetime. I wish to thank each one for his thoughtfulness over the past many years. Thanks again!

Because of the election of officers, FMTN rolls have been frozen until after the end of net session February 5, 1985 when those seeking FMTN membership may, once more, be admitted to the rolls. Nominations for FMTN Manager and FMTN Assistant Manager were received, radiogram or letter, by FMTN Secretary N4ADI, Roy Mackey of Maitland, between Dec. 31, 1984 and Jan. 25, 1985 during REGULAR FMTN session. Election will be conducted on the air during roll call on Jan. 25, Jan. 26, Jan. 27 (roll call to be held the 27th) and end Jan. 28, 1985. A three member ballotting committee will be appointed to tally and count votes, their count is to be final. Once cast, a vote cannot be changed. Only members on the current rolls may be nominated, offer nominations and/or vote.

FMTN meets daily on 7247 (plus or minus) QRN at 1700, see you there.

QFNS

By George Mann, WB4YQP

8:00 PM Daily — 3.715 MHZ

VHF NET MANAGERS — QFNS would like to help you. QFNS would like to help train your Liaison stations in slow speed CW traffic handling. Send your rep regularly and QFNS will try to route appropriate traffic through your rep. Likewise, your rep can bring out bound traffic and QFNS will move this traffic. Have your net rep identify upon checkin and your net will be recognized. The net rep function would be especially useful to those stations interested in improving their CW ability and knowledge.

For December, the statistics were: QNI 271, QTC 137, QND 1022. As expected, this was an active month.

New Stations heard on the net were Gail KA4CIY, Conrad W4RTK, Clint KB4MBR and welcome back to Bill WB4KBW and O.B. WC4D.

Stations with 10 or more QNI for December were: WA4PFK - 24; KA4MAC - 23; KA4NXF - 21; N4IYU - 20; WD4MLQ - 19; KB9LT - 18; WB4KBW - 17; N4IWO - 14; WB4YQP - 14; KA4ELQ - 13; and WA4QXT - 11.

FLORIDA MEDIUM SPEED NET

By AA4BN

FMSN performed very well during the holiday traffic rush. The net had an Avg. QNI of 15.7 stations per session and Avg. QTC of 10.7 per session. Thanks to all the 38 different stations that checked in during the month of December to help keep the traffic moving.

The only new call heard this month was WT4F, Bill in Lakeland. Sure hope Bill can QNI often, as we need Lakeland very badly.

Lee, W4ESH in Naples had to give up his Monday NCS slot due to his XYL Marie being ill. Lee has been with the net from the very beginning, and to my knowledge was one of the charter members. Will look forward to having Lee back with us soon as possible.

Ed Hall, AF3S has agreed to take over the Monday night NCS slot. Ed has FB signal out this way, and will do an excellent job I'm sure.

All welcome on FMSN. Join us at 5:30 p.m. daily, local time, where Florida's finest meet.

GULF COAST VHF TRAFFIC NET

By Dick Smith, K4VND, Manager

The GCVTN had a good month in Decmeber but not near as good as it should have been. Only 17 stations on a roster of 46 sent traffic.

Statistics show that we handled 302 pieces of traffic in Decmeber. If the 29 stations who did not send any traffic had sent just 4 pieces we would have a traffic total of 416 for the month. When Florida Skip publishes the totals for December look at them and see where we could have been.

Our primary mission is to pass traffic. Out of a 24 hour period, we use the net frequency only about 30 minutes, so let's utilize this brief time for doing what we are supposed to do. Then the frequency can be used for whatever else for the other 23 hours and 30 minutes.

On our list of things to do in 1985. Have more training sessions, not just in the handling of traffic but also why the net is run in its present format, why we handle traffic before roll call, why we broadcast bulletins, why it is important for all members to be involved. We are now in the process of getting new net controls and this will continue until we get some relief for the faithful that are long overdue for a rest. We should be aware that Q signals are not intended for phone use (when you hear someone using Q signals on phone, ask them which CW traffic nets they check in, we are in need of CW operators to serve as reps).

Top 10 check in positions for December:

1. 31 ck ins WX4H, WD4JDU
2. 30 ck ins K4VND
3. 29 ck ins K4LPT
4. 28 ck ins N4HRI
5. 27 ck ins N4HMD, WB9RKJ, KA4WWC
6. 26 ck ins WB4TVY
7. 25 ck ins N4DAS, W0PKT
8. 24 ck ins W4TOH
9. 21 ck ins WB5LPG
10. 20 ck ins WF4Y, W4ZGS

Top five traffic handlers (net reps not counted)

1. WB9RKJ, 50
2. N4HMD, W8OPZ, 25
3. WD4IUI, 16
4. N4DAS, 13
5. K4LPT, 9

Heard somewhere, "Lets come alive in 85."

Thanks to all traffic handlers for making GCVTN a good traffic net.

QFN NEWSLETTER

By Ed, K4IA

December traffic of 1516 was up 68% over November with more than half of the net sessions handling over 25 messages. The net control stations had a challenge keeping track of all that traffic.

Net members in order of activity above 50, check-ins including liaison: K4ZK, WF4Y, WA4PFK, WX4H, KB9LT, AA4GF, W4ADL, WA4EIC, KJ3T.

There was greatly increased participation by AA4BN, NY4E, and WD4IIO.

And, our regulars representing locations and other nets throughout Florida all pitched in to do an admirable traffic handling job.

Qualifying for Section Net Certificate are Frank, KB4T with NTS Liaison endorsement, plus Dick, K4VND and Walt, KF4U. There are several others that are close to qualifying, so if you need info, just ask.

I want to thank Bill, K4ZK for the fine task of receiving the QNS messages for me in my absences. During 1985, why not plan to meet other traffic handlers at the various hamfests? We have some really great get-togethers.

FLORIDA PHONE TRAFFIC NET
By Bill, WB4WYG

1984 was a good year for F.P.T.N. — every month had over a 1,000 QNI. However, a mistake was made back in Feb. that needs to be corrected. George, WB4ADL in Jacksonville asked a question. Did he have 100% QNI for the year. Found the mistake when he was mobile and did check in but was having "glitches" with his transmissions. Yes, George: you did have 100% check in as far back as Nov. '83 — hope that clears it up and the record is now straight. Other news of some of our folks: Miss Evelyn, W4WYR has a new car and has found traveling much more enjoyable. "Doc", W4SME is using his mobile home and visiting down in the Keys. Miss Ginger WB4SOU has been back to her home state and came home loaded with Cajun goodies. Herman, WB4FJY has had an extended vacation and a cruise to tell us about. Russ, WB4ZVD has checked in every day while traveling to Lynchburg in his trailer. Jack, KA4TTS was the 1,000 station to check in during Dec. so now is a member of the Golden Cookie Club.

For Dec. '84 a big 55% of the net members checked in 80% or better. Here is the run down:

100% — WB4ADL, W4BCZ, K4BLM, WD4FNX, W4FOE, K4KIC, KD4KK, KA4NXF, WA4QXT, K4SJA, WB4TZR, WB4WYG, WB4ZVD.

95% — KI4CQ, WA4EIC, WB4EXA, WA4EYU, W4GUJ, WX4H, W4IAD, WA4JDH, AA4GF, VE1SH, KA4TTS.

85% — K4BZS, K4EJW, N4EOW, WN4IIV, W4SME.

80% — W2BKI, KB4FIY, KF4RL.

Many thanks to all you good folks for making this net the pleasure it is to work. Yup — the net handled 774 pieces of traffic. Thanks also due to Mort, WX4H for acting as QFN liaison. Many thanks also to the net control stations that have been such a tremendous help working so hard to clear traffic when band conditions have been less than good. Drop in at 7 A.M. on 3940 — we have a good time working Ham radio.

THE GATOR NET
By KB9LT, Cotton

3651 and 7068 KHZ **08.30 EST**

Another busy holiday season has passed and I am sure most traffic handlers feel like it is the quiet after the storm:

Gator Net must be getting more efficient as there was 93% more messages handled than the previous month with 11% more check-ins and 44% more time.

High QNI for the month were W3CUL, K4JI, KB9LT, K4TH and KF4U with 100%, WA4EYU, WA4JDH and KY4U 29. WX4H 27, WF4X 26. WD4IIO 25 and W4KLY 23.

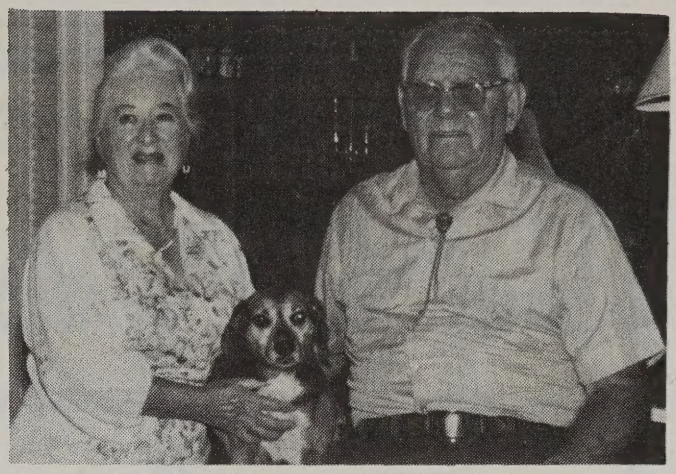
High NCS again by Walt KF4U.

George K4JI was the NCS reporting the highest QTC for a single session with 82 QTC's followed by Andy W4IYT reporting 77.

GN still needs more of you retired people to join us daily at 8:30 A.M., EST, and even you people who still have to work are most welcome whenever you can make it.

GN still needs alternate NCS and Liaison from QFN.

KNIGHTS OF THE KILOCYCLE NET
"World's Oldest Phone Net 56th Year"
By Phil McMasters, W4BCZ/AFA2XR



Mae and Al Burke, W3CUL and W3VR (and Bridgette) of Seminole, Florida. W3CUL completed 35 years of consecutive BPLs (Brass Pounders League awards) and some 800 BPL cards in file between CUL and VR. Mae and Al work about 5 to 7 hours a day, 7 days a week on their traffic sked, using CW and RTTY on 80, 40 and 20 meters. Congratulations to two fine traffic people. We are glad you moved to Florida ! ! !

As expected the election of Knights to run our organization for another quarter was accomplished without blood shed, in fact by acclamation. W4Nice Guy, Earl in Gainesville will again call the net as Master Oscillator, the Buffer Doubler is always the past MO and we elected a different (NOT NEW) Speech Amplifier W4JZV Breck in DeLand to read our birthday and anniversary members in the coming week. The Chaplain, W4DVR Mac Brittan, and the Historian, W4BCZ Phil, who also sends out the "GET WELL CARDS" are appointed.

As has been the practice for more than half a century, any amateur licensed to operate on 3910 KILOCYCLES (HERTZ RENTS CARS), who calls in five Sunday mornings consecutive at 7:30 will be initiated, in a ceremony more appropriate than the ROWH by the ARRL conventions. A certificate is awarded and a number assigned and you are a member for life, no dues. Donations from time to time to the Get Well postage fund by members make this possible and there is no deficit yet. (Run better than Congress HI). Actually though the name is KNIGHTS, the LADIES also are members and new ones are encouraged to join. Hope to hear you all on Sunday morning. 73 & 88.

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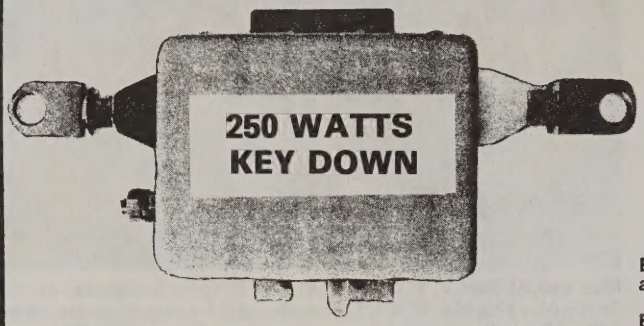

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THIS IS IT "It tunes from .1 MHz to 30 MHz."
THIS IS IT "It's great for frequency hopping."
THIS IS IT "It covers the WARC bands."
THIS IS IT "An all band dipole with 50' one end 25' at the other."
THIS IS IT "End feed a long wire add a ground go all bands."
THIS IS IT "It has no transistors, no diodes, no moving parts."
THIS IS IT "This has a 50 ohm input."
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THIS IS IT "Antuner was used by the fellowship amateur Radio Club on Field Day with excellent results on all bands."
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THIS IS IT "Buy direct from the manufacturer."
THIS IS IT "We cut out the manufacturers representative's commission."
THIS IS IT "We cut out the distributor's profit margin."
THIS IS IT "We cut out the dealer's profit."
THIS IS IT "That is how J.L. Industries is going to be able to sell the Antuner for only ($199.95)."

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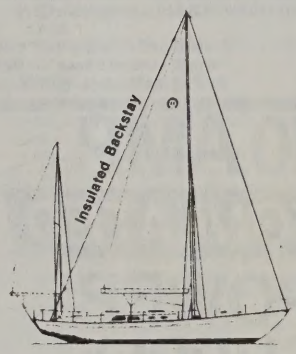

SEE US AT THE HAMBOREE IN BOOTHS 10C - 11C - 12C EXHIBIT AREA.....

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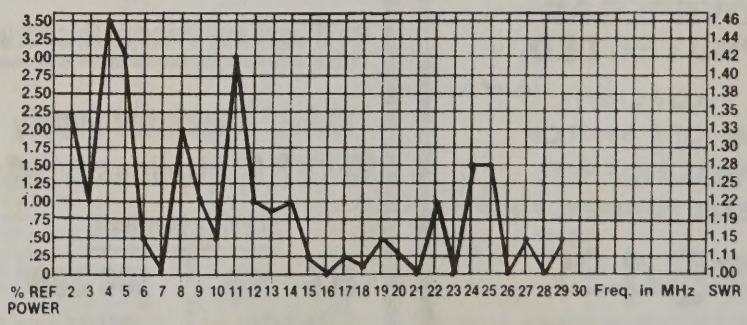
2) Attach insulated wire from backstay to Antuner white insulator.
3) Run a 2" copper strap to metal keel for good ground from Antuner ground.
4) Use coax line from Antuner SO-239. Suggested coax RG8U or mini RG8X.
5) You are now ready to tune your radio from band to band. Antenna follows automatically.

Specifications

- HAM antuner 0.1 MHz to 30 MHz
- Tunes instantly — no moving parts
- No external power is required
- SWR is 1.5 to 1 or better
- Weatherproof, rustproof, maintenance-free construction
- Dimensions: 3"W x 4"L x 2"D
- Weight: 1.4 lbs.
- Connector interface PL-259
- Operational on land, sea, or air
- Excellent where space is limited
- Recommended coax is RG8U, RG8X, or RG213.



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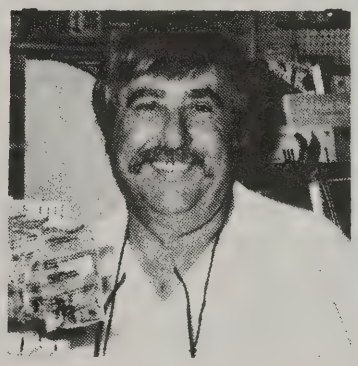

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FLORIDORA YLS
By Cathy Soehl, W4BAV/ARNS

K4UIZ-Evalyn address changed to: 12 Oaks R.V. Resort, No. 134, 6300 S.R. 46 West, Sanford, Fla. 32771.

K4RNS-Marge's 52-year-old Son, in Mass., suffered a heart attack 11/29 and passed away. Our heartfelt sympathy, Marge.

KA4CZC-Mary Jane Paulson, checked into the Net from Tallahassee, with new tribander antenna. Looking forward to you joining us.

KAOWJ-Elaine called K4RNS-Marge on the phone, so she could hear the "Floridora 40". Thanks, Elaine.

W4GXZ-Blanche talked to W4HRC-Bo, who is now at her Son's and said she has enjoyed the cards and notes sent her by the girls and thanks all. Blanche received her 30-year YLRL Membership sticker.

KB4FZN-Eileen on "Cloud 9" since receiving her General Class. Congratulations. As she works, cannot join us on the Nets.

WD8DLB-Kay welcome back to Florida. Hope you got rid of that cold.

KB4KJQ-Ruth and OM, K4RX-Fred presented their Panama Canal travelogue to the QCWA-Hernando Chapter. Enjoyed by all.

W4BWR-Ruth in hospital, week after Thanksgiving, thought a congested heart failure, but proved to be a bug and severe Bronchitis.

W4PFJ-Adis returns to the hospital Dec. 28th and we pray further surgery will not be necessary. We are pulling for you, Adis.

W4WPD-Shirley's stint as Secty. of Park Club ended and now she will be Pres. of CLF Radio Club. Also started a doll collection. That gal sure keeps busy. Good luck, Shirley.

W4OMH-Catherine finally applying for a Floridora Certificate. Check back far enough, Catherine, and you would probably be eligible for a few stickers.

CLEARWATER AMATEUR RADIO SOCIETY
By Eli Nannis, K4JMH

Our club did not have a meeting for December. It was replaced with a big Christmas party in which our club, Metropolitan Repeater Assn. and St. Petersburg Amateur Radio Club members attended. There were more than 100 persons in attendance and a fine time was had by all. Charlotte, WB4PEL, did a great job in organizing the party. We have started our program to upgrade our 37/97 repeater. Money to pay for our new solid state repeater was raised by donations and a raffle of a IC 27A was won by Jim W4DPH. We have also purchased a RC-85 repeater controller. We also expect to have a link transceiver for linking 146.97 and 224.94 together for nets and special events. Nellie WB4FVN is recovering from foot surgery and is just taking it easy on one foot. Mac K4EPH has been ill but is doing much better. Alan WB4ZVO and Bob N3BI are programming the controllers on 96/36 and doing a good job. Our club now owns a squirrel cage thanks to KA4HRF. Our club now has a net on Wednesdays at 8 P.M. on 37/97 and every one is invited to join in, member or not.

HERNANDO COUNTY A.R.E.S.
By Al Lutenslager, KA4WLO

Emergency Coordinator Dave Edgerton, WB4TPG, announced that more SETs will be held during 1985 to enable more people to realize the value of amateur radio to the surrounding communities during emergency conditions. He has received communications from local dignataries after some recent participations. They showed amazement in the extent that amateur radio was able to provide services that the municipal agencies were unable to duplicate. The county will have greater coverage in 1985 if we can get the remaining two meter antennas installed at designated shelters.

SARASOTA AMATEUR RADIO NEWS
N4EWR, Lou Boehlein

SILENT KEY - Sarasota County has lost another friend to the fraternity of Silent Keys. Bob Mader, KN4NF passed away on January 9, 1985. He was a Past President of the Tamiami Amateur Radio Club and a friend to all.

HAMFEST - By the time you read this another sucessful Sarasota Hamfest will be a memory. Many thanks to Art Herrald, AA4AN the Hamfest Director who did a super job - and to all the people who worked so hard to make it work - and to all who were so successful in their sales and meeting new people. Without EVERYONE the hamfest would not exsist.

From all the comments we've been hearing the biggest problem the Hamfest incurred was a lack of space for dealers - that has to say something for the Sarasota Hamfest!

HELPING HAND - While driving on Interstate 75 KB4GAA came upon a serious accident involving injuries and fire. He used the .13/.73 repeater and stayed on the scene until authories arrived. Good work!

CLUBS - Both local clubs have new officers at the helm and 1985 looks even better than ever for ham radio in Sarasota.

ST. PETERSBURG AMATEUR RADIO CLUB
By CathySoehl, W4BAV/ARNS

W4LTE-Wayne's YF-Marie was in the Ed. White Hospital for surgery. Is home and recuperating O.K. Take it easy, Marie.

K4SCL-Woody presented the ARRL 50-year Membership Plaque, to the SPARC President, for the Club. Congrats.

KB3QS-Bob's YF, KB3JAM-Betty caught a 10-lb. grouper, while at Marathon.

W4IRA-Herb in the Morton Plant Hospital for tests. HOpe all is well, Herb, and you'll check into the Net when you are home.

K8COZ-Dorothy's Mother passed away December 6th. Our heartfelt sympathy to you, Dorothy.

K4RXO-Fran and K4SCL-Woody traveled 3,332 miles on their trip to Texas, where they enjoyed Christmas with family in Houston.

WA4TJG-Betty had an operation on her shoulder recently. Trust all has cleared up, Betty and you are doing fine.

W4PWB-Walter and K4CSC-Edna handled 700 packages, etc. for residents of the St. Mark Village where they are located in Palm Harbor. Santa kept them busy.

Now the Christmas rush is over, don't forget it's time to send your Club dues to KA4BBA-Eldean.

WB4PEL-Charlotte hope you are feeling better. Better quit turning on the air-conditioning so much. Enjoy the lovely Florida weather we are having.

K5IHH-Bob, our Net Manager, has really been kept busy running the Net so many nights, account of Net Controls being away, sick, etc. during the holidays. Thanks, Bob, maybe soon you'll be able to sit back in the green chair and snooze.

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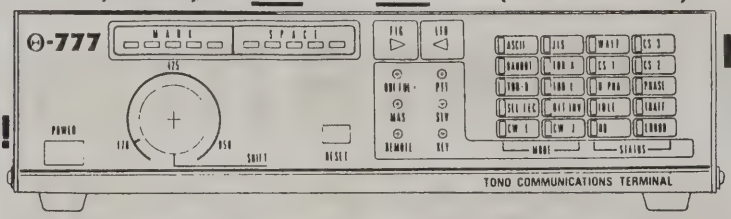

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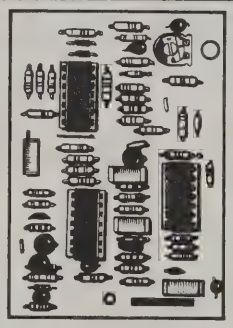

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CHANGING ADDRESS??

On many occasions customers, or those on our mailing lists, will advise of a move and change of address. This is always appreciated by anyone who makes mailings of any type.

However, we would like to point out to those who do this and extend this courtesy that it would help if the old address, especially the ZIP Code, were included.

Our mailings (and many firms' lists) have been completely revised to a ZIP Code sequence because of the bulk and second class mailing rules and procedures.

Therefore, if a change of address changes the ZIP Code completely, we have difficulty in making the change because we cannot locate the old mailing plate.

In order to make the proper change, it often necessitates writting and requesting the old ZIP Code information before the complete change can be made.

We would also like to mention that the USPS now charges 25 cents for "change of address" information, per name. It used to be 10 cents.

So anyone who has some favorite persons or companies that have their names on mailing lists, anytime you move, a change of address card with all information would be very much appreciated. Editor.

LETTER

Dear Andy,

As a subscriber to Florida Skip, I wait each month for my copy to arrive. I then spend the time to read from cover to cover the articles and news that you provide. For Florida news it can not be beat.

We would appreciate receiving that fine calendar again this year. I use mine at the operating position and would find it difficult to do without. Gloria has her calendar attached to the kitchen phone.

Again thanks for a fine publication. Keep up the good work. Mailing two newsletters each month. We appreciate the work involved in publishing the "Skip."

73,
Ted and Gloria
W4LJB and KA4ZCD
Cocoa, FL

(EDITOR'S NOTE: SEASONS GREETINGS TO YOU BOTH.)

MATH REVIEW

"Three Indian maidens married three braves. The first's wedding bed was a hippopotamus hide; the second's, an elephant hide; the third slept on a zebra skin. Eventually, each gave birth. The zebra skin maiden had a boy; so did the elephant hide maiden. The hippo hide maiden had twin boys. Which proved that the sons of the squaw on the hippopotamus are equal to the sons of the squaws on the other two hides."

(EVERGLADES ARC)

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Characters: Alphabet, Figures, Symbols, Special Characters, Kana.
Built-in Monitor: 5" high resolution, delayed persistence green monitor — provides sharp clear image with no jiggle or jitter even under fluorescent lighting. Also has a provision for composite video signal output.
Time Clock: Displays Month, Date, Hour and Minute on the screen.
Time/Transmission/Receiving Feature: The built-in timer enables completely automatic TX/RX without operator's attendance.
Selcal (Selective Calling) System: With this feature, the unit only receives messages following a preset code. Built-in Demodulator for High Performance: Newly designed high speed RTTY demodulator has receiving capability of as fast as 300 Baud. Three-step shifts select either 170Hz, 425Hz or 850Hz shift with manual fine tune control of space channel for odd shifts. HIGH (Mark Frequency 2125Hz)/LOW (Mark Frequency 1275Hz) tone pair select. Mark only or Space only copy capability for selective fading. ARQ/FEC features incorporated.
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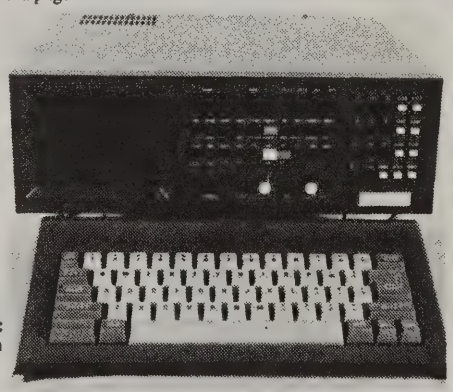
Convenient ASCII Key Arrangement: The keyboard layout is ASCII arrangement with function keys. Automatic insertion of LTR/FIG code makes operation a breeze.
Battery Back-up Memory: Data in the battery back-up memory, covering 72 characters x 7 channels and 24 characters x 8 channels, is retained even when the external power source is removed. Messages can be recalled from a keyboard instruction and some particular channels can be read out continuously. You can write messages into any channel while receiving.
Large Capacity Display Memory: Covers up to 1,280 characters. Screen Format contains 40 characters x 16 lines x 2 pages.
Screen Display Type-Ahead Buffer Memory: A 160-character buffer memory is displayed on the lower part of the screen. The characters move to the left erasing one by one as soon as they are transmitted. Messages can be written during the receiving state for transmission with battery back-up memory or SEND function.
Function Display System: Each function (mode, channel number, speed, etc.) is displayed on the screen.
Printer Interface: Centronics Para Compatible interface enables easy connection of a low-cost dot printer for hard copy.
Wide Range of Transmitting and Receiving: Morse Code transmitting speed can be set from the keyboard at any rate between 5-100 WPM (every word per minute). AUTOTRACK on receive. For communication in Baudot and ASCII Codes, rate is variable by a keyboard instruction between 12-300 Baud when using RTTY Modem and between 12-600 Baud when using TTL level. The variable speed feature makes the unit ideal for amateur, business and commercial use.
Pre-load Function: The buffer memory can store the messages written from the keyboard instead of sending them immediately. The stored messages can be sent with a keyboard command.
"RUB-OUT" Function: You can correct mistakes while writing messages in the buffer memory. Misspellings can also be erased while the information is still in the buffer memory.
Automatic CR/LF: While transmitting, CR/LF automatically sent every 64, 72 or 80 characters.
WORD MODE operation: Characters can be transmitted by word groupings, not every character, from the buffer memory with keyboard instruction.
LINE MODE operation: Characters can be transmitted by line groupings from the buffer memory.
WORD-WRAP-AROUND operation: In receive mode, WORD-WRAP-AROUND prevents the last word of the line from splitting in two and makes the screen easily read.
"ECHO" Function: With a keyboard instruction, received data can be read and sent out at the same time. This function enables a cassette tape recorder to be used as a back-up memory, and a system can be created just like telex which uses paper tape.
Cursor Control Function: Full cursor control (up/down, left/right) is available from the keyboard. Test Message Function: "RY" and "QBF" test messages can be repeated with this function.
MARK-AND-BREAK (SPACE-AND-BREAK) System: Either mark or space tone can be used to copy RTTY.
Variable CW weights: For CW transmission, weights (ratio of dot to dash) can be changed within the limits of 1:3-1:7.
Audio Monitor Circuit: A built-in audio monitor circuit with an automatic transmit/receive switch enables checking of the transmitting and receiving state. In receive mode, it is possible to check the output of the mark filter, the space filter and AGC amplifier prior to the filters.



CW Practice Function: The unit reads data from the hand key and displays the characters on the screen. CW keying output circuit works according to the key operation.
CW Random Generator: Output of CW random signal can be used as CW reading practice. **Bargraph LED Meter for Tuning:** Tuning of CW and RTTY is very easy with the bargraph LED meter. In addition, provision has been made for attachment of an oscilloscope to aid tuning.
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FLORIDA REPEATER COUNCIL, INC.

The next Florida Repeater Council meeting will be held on Sunday, February 3, 1985, at the Miami Hamfest. The meeting will be in Room 2, 9 to 10 a.m.

The Repeater Council will also have a booth at the Hamfest. Please stop by! We will be available to handle coordination requests, questions and so forth.

The next meeting for 1985 is tentatively set for the Orlando Hamfest, March 9-10, 1985. The exact schedule will be announced in next month's column.

As a result of discussions with Mr. Ted Huf, K4NTA, of FADCA, and in order to accommodate future growth of packet repeater systems, the Florida Repeater Council is proposing to protect the following frequencies as exclusive packet assignments throughout the state of Florida: 145.01, 145.03, 145.05, 145.07 and 145.09 MHz. Your comments are invited.

PLEASE KEEP IN TOUCH. The Repeater Council's address is:
P.O. Box 4155
West Palm Beach, FL 33402-4155

Best 73s
Adam M. Farson, VE3DGY/W4
President, Florida Repeater Council

PACKET SEMINAR TO BE HELD AT 25TH TROPICAL HAMBOREE
By Joel Kandel, KI4T

The Dade Radio Club of Miami has set aside a large slice of time for a full blown Packet Radio Seminar to be given at the Miami Hamboree. The dates for the Hamboree are February 2 and 3, 1985. A call for papers is now out, and letters have been mailed to various luminaries of the Packet world inviting them to the Miami Seminar.

The seminar will have an applications theme. Rather than focus on the difficult theoretical issues of packet radio and digital signal transmission, the seminar will address itself to the practical ways in which amateurs can better use packet radio in their shacks.

Emergency communications will be one of the topics discussed, as well as the best ways to adjust equipment for optimum signal to noise ratio and signal bandpass filtering.

The seminar will tentatively take place Sunday, the 3rd, from 10 a.m. to 2 p.m. Paul Renaldo of ARRL, and Lyle Johnson, President of TAPR have already accepted invitations to attend. We hope all interested will take the opportunity to attend and support the seminar. The papers will be published.

Ed Van Gasbeck, W1DS (R) receiving ARRL 50-year plaque from Woody Huddleston, K4SCL, Assistant Director Southeastern Div. on Dec. 9. Ed retired to Florida after a long and successful career with helicopter instrumentation in Connecticut.

LETTER

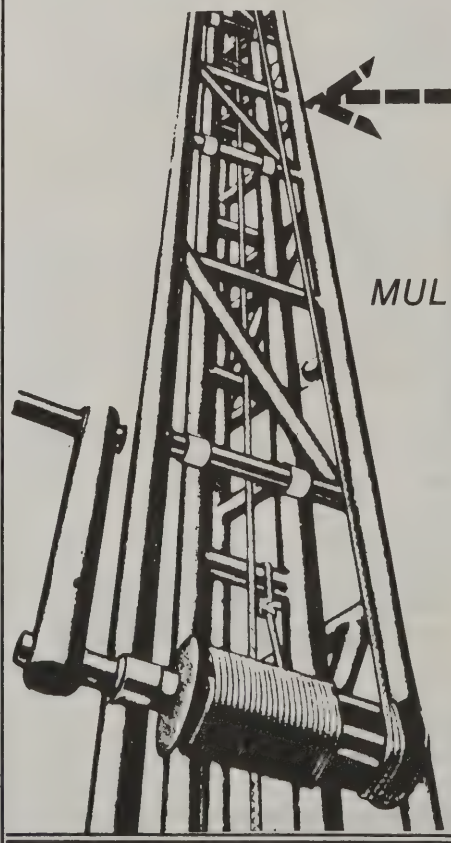
Andy:

In January issue of Florida Skip, you listed the Florida Field Day results.

You left out METRO/CARS. They are the Metropolitan Repeater Assn. and the Clearwater Amateur Radio Society and they should have been listed in the 5th spot with 4098 points and 1056 QSO's. See page 86 last column in December issue of QST.

Eli Nannis, K4JMH
Largo

(EDITOR'S NOTE: THAT LIST CAME FROM "BALANCED MODULATOR", NOFARS, JAX, FL.)



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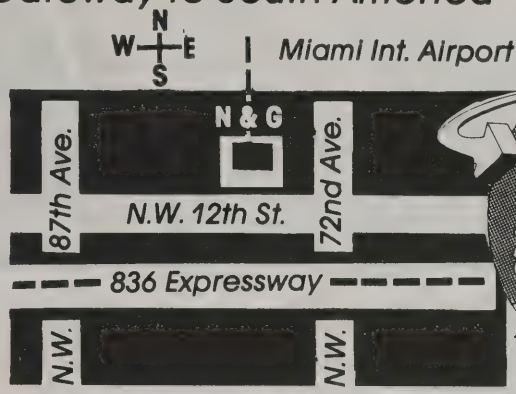

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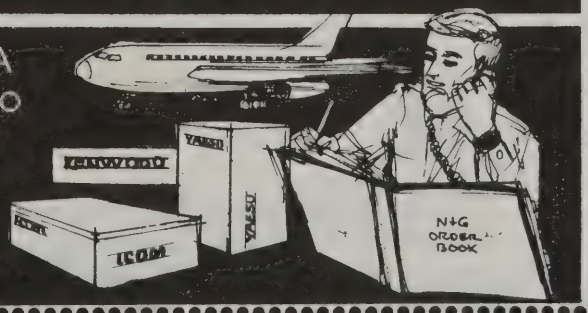

Hernando Chapter No. 148 of Brooksville, Florida, will sponsor Amateur Radio License Examinations to be conducted on February 26, 1985, beginning at 6:30 P.M., at Pasco-Hernando Community College, North Campus, 3125 N. Highway 98 (North of Brooksville).

Applicants should submit the new FCC Form 610, with a check for $4.00 payable to ARRL/VEC, to the VE Team contact, Regis K. Kramer, W4ILE; 900-2032 U.S. 41 North, Brooksville, FL 33512.

Applications will be accepted up to the deadline date of January 26, 1985.

Anyone wishing further information may call (904) 796-6802.

NOVICE & GENERAL CLASSES

The Hollywood Amateur Radio Club wishes to sponsor Amateur Novice and General classes again at Chaminade H.S.

Classes will start on Tuesday, February 5 at 7:30 P.M. at Chaminade in both Novice and General Theory. Chaminade is located just off Hollywood Blvd. on 52nd Avenue. You can approach from I-95 (exit at Hollywood Blvd. and go west about 2 miles, around two traffic circles.) or from State Road 441 (exit 441 and go east about 1/2 mile). For further information phone the school, 989-5150. 73, KA4B.

VERO BEACH FCC EXAMS

TEST DATE: Saturday, March 16, 1984
SESSION SPONSOR: Treasure Coasters' Repeater Ass'n., Inc.
ADDRESS OF TEST SITE: Red Cross Building
2506 - 17th Avenue
Vero Beach. Florida 32960
CONTACT PERSON: Thomas C. Palmer (WX4V)
3726 Indian River Drive
Vero Beach, Florida 32963
(305) 589-7550 (9:00 a.m. thru 5:00 p.m.)
(305) 231-2646 (Weekends & after 5:00 p.m.)
Testing is for all grades of license; Novice thru Extra.

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Sarasota Hamfest, Jan. 12 & 13
Miami Tropical Hamboree, Feb. 2 & 3

VOLUNTEER EXAMINATION SCHEDULE

The NORTH DADE REPEATER ASSOCIATION invites all radio amateurs desirous of upgrading, to register for Technician through Extra exams, to be held on Saturday, March 16, 1985, at 9:00 A.M. The location is: Air Conditioning, Refrigeration and Pipe Fitting Education Center, 13201 N.W. 45th Avenue, Opa-Locka. Talk-in to test site on 147.09/69.

For an appointment for your examination(s), please send completed FCC form 610, a photocopy of your current license, and $4.00 check, made out to "ARRL/VEC" to: Helen Draher, WK4H, 901 N.W. 146th St., Miami, FL 33168.

DEADLINE FOR REGISTRATION IS FEBRUARY 14, 1985.

SILENT KEY
W4HZY

Helen deGrandcourt (W4HZY) passed away November 18th following a prolonged illness. Formally a member of the Floridora YLS, Helen became locally active on 2 meters and in TBRA: Helen assisted in the preparation of the famous TBRA Cookbook, was Secretary of TBRA in 1979, Vice President in 1980, Editor of QSP for over two years, 1979-81, winning a Certificate of Excellence Award in May 1981 from the Amateur Radio News Service. Helen also wrote a "Dear Mabel" column about 15 years ago. May she R.I.P.

—WD4APL

LETTER

Dear Andy:

Re: Page 14, Dec. '84 Skip

The Utah transmitter shown on page 14 of the December issue was not the first kit put on the market. Thordarson Electric sold transmitter kits (complete parts) in the late 30's. We had a 20 watt cw rig, 50,100 & 500 watt AM/CW rigs in our "Transmitter Guide". Before then, we had schematics in the guide and just sold the transformers; later the transformers and punched chassis.

Also, we did the same with "Audio Amplifiers" (there was no high-futility in those days!)

73,
John P. Weber, Jr, K4JW
102 Southgate Blvd.
Melbourne, FL 32901

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Sat 12-5

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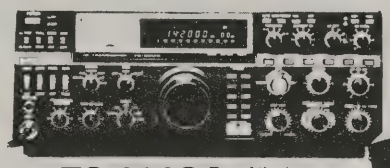

TS-930S Top of the Line HF Transceiver

• General Coverage Receiver • Superior Dynamic Range • All Solid State—28 VDC Final • QSK CW • Optional Automatic Antenna Tuner • Dual VFO w/8 Memories • Dual Mode Noise Blanker

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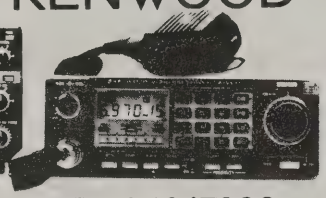

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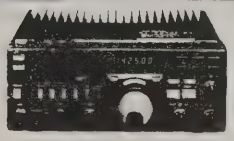

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Compact General-Coverage Receiver

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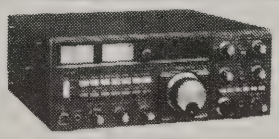

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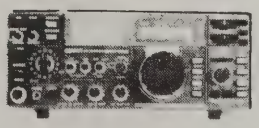
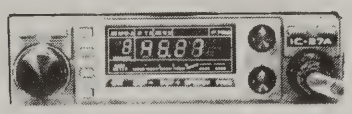


IC-745 HF Base

All ham band HF transceiver. 16 memories. 100KHz to 30 MHz general coverage receiver, and adjustable noise blanker and AGC.

ICOM



IC-27A Compact Mobile

A breakthrough in 2-meter mobile communications! Most compact on the market (5½" x1½" Hx7" D), contains internal speaker for easy mounting, 25 watts, 32 PL frequencies, 9 memories, scanning and touchtone mic.

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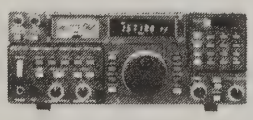
IC-02AT

The IC-02AT 2-meter LCD readout handheld features 10 memories, 32 PL tones, scanning, keyboard frequency entry, dial lock, 3W std., 5W opt. DTMF.

ICOM



IC-R71A General Coverage Receiver

The IC-R71A 100KHz - 30 MHz superior-grade general coverage receiver features keyboard frequency entry, 32 memories, SSB/AM/RTTY/CW, selectable AGC and noise blanker, and wireless remote controller (optional).

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BYRNES BYTES

By Arthur J. Byrnes, KA4WDK

Let's take a break from computers this month and talk about something near and dear to many Florida Hams.

A lot of the talk on some repeaters is about yankees. Now you know what I'm talking about, and it's not the baseball players. If you want to know if you're still a yankee or not, then you need to take the official "Are You Still A Yankee?" test.

Make sure that you answer all questions correctly, and don't cheat.

1. What are gritts?
   a. Oatmeal.
   b. Cornmeal.
   c. I don't know.
2. Do you eat gritts?
   a. Only when my southern friends are watching.
   b. Yes.
   c. Never.
3. Do you use the words "Back Home" when talking about areas north of Virginia?
   a. Only when talking to other yankees.
   b. Never.
   c. Always.
4. Do you say that you're "going to the shore", when you mean that you're going to the beach?
   a. Sometimes.
   b. What's the "shore"?
   c. Yes.
5. Do you eat chitterlings?
   a. Only when my southern friends are watching.
   b. Yes.
   c. What are chitterlings?
6. Do you complain about things being so slow here?
   a. Only at government offices.
   b. Only when I'm waiting on a yankee to stop talking.
   c. Yes.
7. Do you want a subway in your town?
   a. No.
   b. We've got one, they sell long sandwiches.
   c. Yes.
8. Do you call I-95 a freeway?
   a. Only in front of my yankee friends.
   b. Freeway is that little dog on TV.
   c. Of course.
9. When driving, how much clearance do you need when you change lanes?
   a. 2 car lengths.
   b. More than 2 car lengths.
   c. If my bumper fits I'll make it.
10. During a QUSO, I:
    a. sometimes pause to allow breaking station.
    b. always allow several seconds before talking.
    c. key the mike the instant the other station stops talking.
11. Courtesy is something for:
    a. people I like.
    b. everyone.
    c. What's courtesy?
12. When it comes to radio club activities:
    a. I help when somebody asks me.
    b. I offer my help without being asked.
    c. I did my time up north, somebody else will do it.
13. Why are wages lower in the south?
    a. Because it costs less to live here.
    b. Beacuse the yankee carpet-baggers want us to believe it costs less to live here.
    c. Because we want them to believe that it costs less to live here.
14. When parking I:
    a. Look around the lot real good before using the handicap spaces.
    b. Walk as far as I need to rather than use a handicap space.
    c. Park in the handicap space, or use two other spots so my car won't get scratched. (Especially in the rain.)

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U.S. AIR FORCE MARS

By Phil McMasters, AFA2XR/W4BCZ, Florida PAC

The year 1984 ended with band conditions such that AFB2XB Julius our faithful FIMON in Ft. Myers had to call on several stations to make net calls and relay stations into the net.

The MARS broadcast was not available for discussion so traffic from Pacific regions was passed. AFA2CW EZ, in the MacDill AFB area, mentioned that proper addresses are very important. The PAC agreed and requested him to write his ideas for SKIP which he agreed to do — HERE THEY ARE.

Wrong phone numbers are the greatest problem. First name only or The Johnson Family — The same — how many Johnsons in the phone book? The addressee should be a person found in the phone book or "In care of" Overseas traffic does not need a phone number but if unlisted, what then? Most affiliates copy with pen or pencil. 27 groups is a lot of writing and maybe it could be cut in half with ARL numbers. Originating stations can cut groups in half by keeping the text to the point. A lot of text is not useful information. TEXT can not be rewritten after the message is in the system. Instruction at "drop boxes" would be helpful, "I love you messages" can't be helped much! All messages are important to someone or we wouldn't work so hard to support MARS. It is a great feeling to deliver a message on time in spite of static, heterodynes and poor propagation. Some overseas messages can be mailed into remote areas so address and zip figures are important too. EZ Randall, AFB2CW, 407 Chelsa Street, Tampa 33603.

ARMY MARS
NEW YEARS RESOLUTIONS

By Dick, AAR4PP/FL

1. **I will not tune up on Army MARS frequencies as long as my VFO can reach Navy and Airforce MARS frequencies.**
2. **I will not tune up on Navy and Airforce frequencies as long as my VFO can reach Russian Woodpecker frequencies.**
3. **I will resist the temptation to check my finals while my mother in law in working on the antenna.**
4. **I will cease asking permission to close my station on the half hour every week. Instead, I will pretend that (a) my rig went out, or (b) lightning was observed in the area, or (c) guests just arrived, or (d) somebody is waiting to speak with me on the phone, calling from Hong Kong. I will rotate these excuses, so as not to arouse suspicion.**
5. **During training sessions, I will stifle the urge to address the Training officer as "Good buddy," instead of by his callsign and to say, "Throw it back, pops," instead of, "Over."**
6. **I will not pad my participation report by giving myself five hours credit for arguing with the power company about my electric bill.**
7. **When called upon for comments, I will no longer discuss subjects which may break military security. These include: (a) my garden, (b) the weather, (c) my arthritis, (d) my cute little granddaughter, (e) the future of the Florida Gators.**
8. **I will check the condition of my 40-year-old coax, as I promised to do last year and the year before. (Only this time I really mean it.)**
9. **The next time my neighbor complains about my HF rig causing his Betamax to break tapes ("It only started after you put up that tower!"), I will politely give him the FCC's address instead of the more southerly destination to which I have been directing him.**

KI4T APPOINTED TO ECAC

Joel Kandel, KI4T, has been appointed to the A.R.R.L. Emergency Communications Advisory Committee, by Southeastern Director Frank Butler, W4RH. The ECAC is composed of one representative from each A.R.R.L. division, and one A.R.R.L. director who acts as liaison to the A.R.R.L. Board of Directors. The ECAC is charged with proposing new directions for amateur emergency communications for consideration and possible adoption by the A.R.R.L. Board. KI4T has been active for many years in ARPSC and RACES, and is currently RACES Officer for Dade County. KI4T requests all interested parties to forward suggestions to him regarding new areas of participation for amateurs in emergency communications.

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C. L. PETERS, K4DNJ, Director
Oak Hill Academy Amateur Radio Session
Box 43
Mouth of Wilson, VA 24363

Name _____ Call _____

Address _____

City / State / Zip _____

15. Where do you go for vacation?
   a. Out west.
   b. One of the hundreds of places here in Florida.
   c. Anywhere I can find snow.

Well, that wasn't too bad, was it. Here is how you score it: Take 5 points for each "a" answer; 10 points for each "b" answer; and 0 points for each "c" answer.

The scores are analyzed as such:

0-15 points —	You're a yankee through and through, you were probably born in New York City. There is no hope for you.
20-60 points —	You've been here awhile and it's starting to rub off, but you still need a lot of therapy.
59-90 points —	You want your southern friends to think you're southern, but you don't want your northern friends to think you're not a yankee anymore.
95-145 points —	You are a transplanted southerner, you've been here a long time, or possibly your parents were yankees.
150 points —	You are a true southerner, you may even call yourself a cracker.
Over 150 —	You are the worst kind of yankee, you cheated.

This test is copyrighted by the author, so please don't copy it in any form without the written permission of the author. 73's till next month from KA4WDK, Arthur J. Byrnes, P.O. Box 478, Holly Hill, Florida 32017.

WHAT IS PACKET RADIO?
By Bill Whitaker, WD4JKM

Packet Radio is a digital communications method that was adopted from a commercial system used to transfer data at high sped from one institution to another over land lines and microwave circuits.

It incorporates a handshaking technique ensuring error free communication at speeds up to 19,200 EPS, although current hardware limits its usefulness to 1200 baud, and FCC restricts its use to 300 baud below 28 MHz.

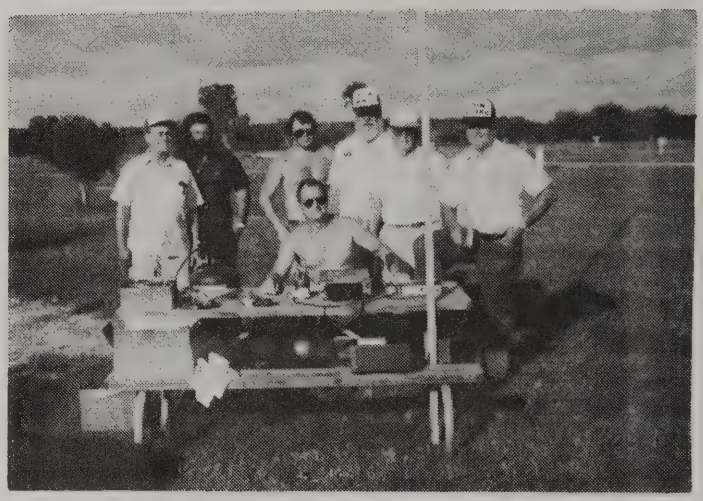
Along with each transmission a computer value called a frame check sequence (FCS) is sent which allows the receiving station to check for errors. The receiving station acknowledges an error-free packet with a special acknowledgement (ACK) signal. If the sending station does not receive such a signal within a certain period of time, it automatically retransmits the packet. A packet also contains identification of the destination station, permitting several QSO's to take place on the same frequency. A packet radio station can automatically ignore any packets which are not addressed to it. Due to the fact that the duration of most packet transmissions is very short, a user does not need the channel most of the time. The time interval between transmissions is available to other users.

One of the most intriguing aspects of the mode is that each station in a network has the capability of being programmed to remotely relay packets extending the geographic range of the network. Such a system opens up all sorts of interesting possibilities. The ARRL, AMSAT and numerous local area networks (LANS) are currently engaged in preliminary organization of such a system, including the linking of these LANS via PackSat, the packet radio satellite scheduled for launch in 1986. The system will have the capability of message routing to any part of the globe probably within 12 hours. Such a system could revolutionize the national traffic system and provide access to any part of the world to the average ham with only minimal VHF/UHF capabilities.

The cost of getting in on the ground floor of this most revolutionary mode of communication available to the radio amateur believe it or not can be as little as the cost of an average handheld transceiver for 2-meters, even if you don't presently own a home computer.

Be here next month for the latest updates from the FADCA picnic/networking meeting to be held June 10th.

(From TAPR and FADCA literature)



The Snow Birds up North FREEZE while the Everglades Amateur Radio Club members enjoy an outing in the Florida Everglades. See story elsewhere. L to R. KE4PI, WD4MRT, WD4PWC, WN4L, WA4SDU KD4BU and seated, new club Pres. KF4FJ. Sunshine in December! !

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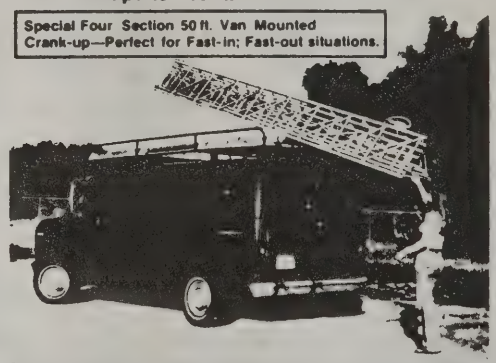
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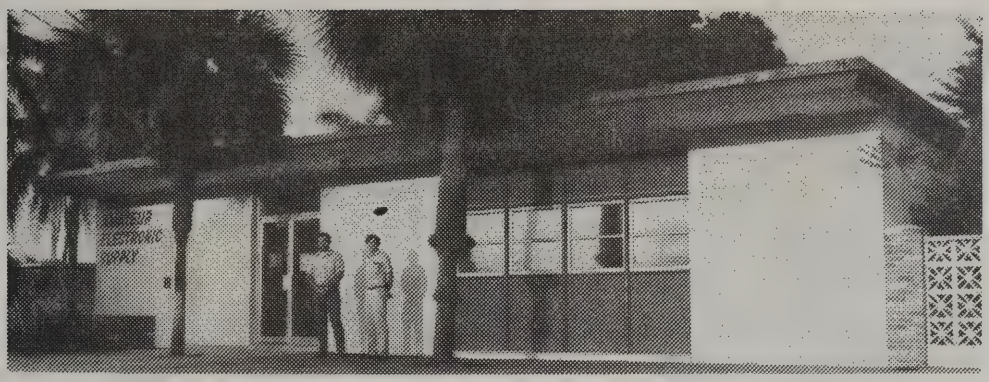
FLORIDA REPEATER MAP

The only one of its kind. The 4th edition of the Florida 2 meter repeater map is off the press! A beautiful job by Editor, Bill Tucker, W4FXE. Each city has its own box with frequencies listed therein. There is another list by frequency along the side. Map is printed on 11 x 17 inches, black on golden rod easy to read, 20 pound bond paper. We are keeping price down to only 25 cents each with your No. 10 (business size) envelope self addressed and stamped. Send to: Map, Florida Skip, Box 501, Miami Springs, FL 33266.



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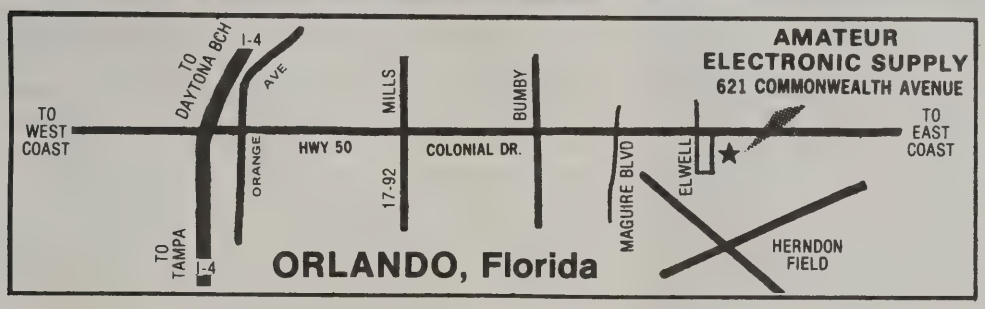

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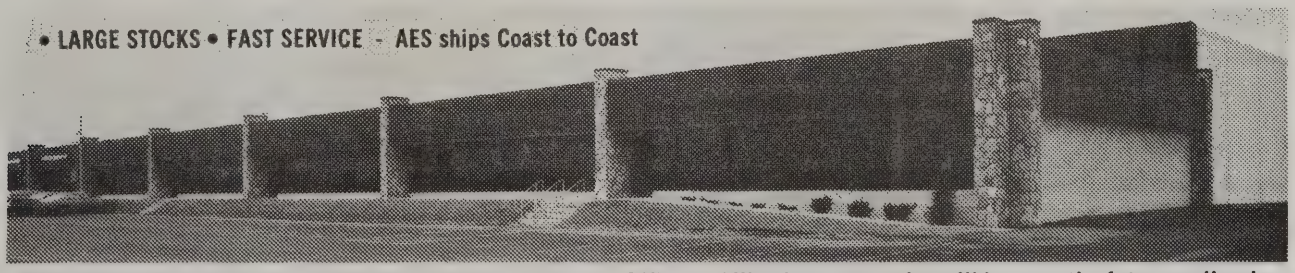

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QUARTER CENTURY WIRELESS ASSOCIATION INC.

QCWA NEWS

Edited by Eli Nannis, K4JMH

Stuart Meyer, W4GHK, President of QCWA has requested the FCC to reduce the code speed of general class license code speed to 10 WPM. The reason for this request is to take to load off the extra class licensees in giving exams and allow Advance class licensees to give exams for general class licenses. All QCWA members are requested to give their opinion on this change to HQ. There was a number of errors in the list of chapter secretaries and their addresses in the issue of QCWA News. There have been many changes in chapter Secretaries which HQ did not receive. HQ suggests that all chapters inaugurate officers of each year as of January 1st with elections to take place between July and November. HQ could be advised and their list be brought up to date and correct listing for chapter officers and addresses be published in the QCWA Winter News. HQ would like your thoughts on this subject. The QCWA national convention has changed its location to Winston-Salem, NC, to be held on Sept. 26-29, 1985. Rollie Terrill, W5RC, who helped out at HQ is a silent key and will be greatly missed by his many friends. I received a four page newsletter from the Hernando chapter 148, editor Regis Kramer, W4ILE. They are doing a fine job for a new chapter.

GATOR CHAPTER: The attendance at the December 1st meeting was 53 members and guests. The attendance was down due to the big Christmas party being held that night by the 3 amateur radio clubs in this area. The QCWA activities at the Clearwater Convention held on Nov. 24, 25 was a big success with 4 local chapters helping out. The next convention will be held in St. Petersburg at the National Guard Armory and the Skyway Inn. on Oct. 12, 13, 1985. The new officers will be installed at the January meeting. They are Ralph Barr W0DNO, President, Bill Penhallegon W4STX, Vice President, Eli Nannis K4JMH, Secretary and Bill Turner W2WV, Treasurer. The new Directors are Dave Sotcky K4NE, Dan Whipkey N3DN and Jim Gordon W4PTJ. One of our members, Lew Sieck K4NE has been nominated for the national QCWA Board and all members were requested to help get out the vote for Lew. Paul Turner W1DLP was given a standing ovation for the fine job that he did as president of our chapter for 2 years. Paul also won a 2 meter hand held unit at the convention. The members were advised that Stu Meyer W2GHK will be attending our April meeting. Tom K4IJC and XYL are celebrating their 1st wedding anniversary this month and also Hal W4FOM and XYL their 56th, Bob W8KZU and XYL, their 50th. We are sorry to hear that John Smith W4ACG broke his leg and it is healing slowly. Lou Weber K4HWS is doing very well after some surgery. Ralph W0DNO was commended for arranging some excellent programs at our meetings. Eileen Cole XYL of Harry Cole W4DLL now has a General class license.

—Reported by Eli Nannis, K4JMH

SPACEPORT CHAPTER: Our chapter meeting was held on December 15th at Gatsbys, Cocoa Beach. Charlie Bunce K4KCN gave his last secretary's report as he is moving back to the Tampa Bay area and rejoined the Gator Chapter. President Bill K4TF outlined new licensing requirements and forms to be used for new, upgraded or modified licenses. Phil W4NOO had his 75th birthday. The program was a quiz on the location of many universities and colleges. 46 Certificates of Recognition were awarded to those individuals and their spouses in appreciation of their support of the chapter on the occasion of the chapter's 19th birthday.

—Reported by Spencer Allen, K0REC

HERNANDO CHAPTER: Our December 18th meeting was attended by 47 members and guests. We now have 51 members. Chapter officers were re-elected. They are Earl Hill W4UFR, President, Frank McCarthy W1YTB Vice President, Regis Kramer W4ILE Secretary/Treasurer, Stu Bower K4KFL and W4WL Board members. Our newest member is Ed Handly W1OOR, XYL Nancy of Spring Hill and Ray Schaub W8ATO of Brooksville is soon to become one of us. Mae and Carl Van Riper K4KYD brought in some beautiful Christmas decorations for the meeting. XYL's WB4JJH and W4WPD handled the Christmas knick-knacks and the 50/50 and along with good fellowship, it was a grand festive occasion. Don Strong N8AWM for his good "stories" gets our vote for the chapter comedian. W4WL brought up the recent FCC proposal regarding 160 meters and urged members to write in their opposition to the proposal. Blanche W4GXZ gave a report on the Clearwater Convention QCWA "Slosh-pitality" room and thanking all those who helped with the proejct. A small deficit was generously taken care of by the Gator chapter. Our chapter is sponsoring FCC amateur radio exams with ARRL as VEC on Feb. 26th at 6:30 P.M. at the Pasco-Hernando Community College, Brooksville. Our members really like our membership badges and we have the pocket type for the OM's and pin type for the XYL's. The Bolo tie ID's are also becoming a hot item. Our ocal chapter directories are available free at our luncheon meetings. Our next meeting will be on Tuesday, Feb. 19th at the Omaha Steak House on U.S. 41 South in Brooksville at 11:30 A.M. All interested persons who wish to get acquainted with QCWA, come in and join us and bring the XYL.

—Reported by Regis Kramer, W4ILE

ROYAL PALM CHAPTER: Our organization meeting was held on Dec. 12th at the Hospitality House, Tamiami Trail, Naples. We are starting out with a total of 16 members. The officers are Ron Hesler VE1SH/W4 President and George Slade W1GOG Secretary/Treasurer. A special inauguration meeting is being scheduled for Feb. 5th at which time our National President Stuart Meyer W2GHK will present our Charter.

—Reported by Ron Hesler VE1SH

PELICAN CHAPTER: The biggest and most enthusiastic meeting of the entire year was held at the Publication Restaurant and Lounge (formerly the Lamp Post) at 1190 34th Street in St. Petersburg on December 19th. The meeting was the annual election of officers and directors as well as the regular Christmas party. 43 members and guests attended. The nominating committee, under the direction of Jack Mandel W4PLW, Chairman, selected the following officers and directors for 1985. The candidates elected by acclamation were President, Phil Stern WA4ZVO, Vice President Reg Iversen K4ZQ, Secretary Art Monsees, W4BK and Treasurer Dutch Romig KF4DI. The directors elected were Cappy Grigsby AA4MF, Buck Lewis W4BV, Jack Mandel W4PLW, Jack Whitley W4CZS, and Herm Witman K4EGM. The ladies of the chapter, led by Helen Stern, Hazel Mandel and Juliette Bloechle, were busily engaged in organizing the best Christmas party yet. Other ladies of the chapter assisted. Hor d'oeuvres were served to each person. Gifts were exchanged by everyone. Many of our members attended the recent Clearwater ARRL Convention on Nov. 24, 25. Some of the members observed looking at the new and old state of the art gear were WA4ZVO, W4GXZ, KF4DI, K4NE, W4COW, W4CZS, W3CFC, WA4DIJ and K4JMH who was convention chairman. The next meeting will be held at the same location on Jan. 16th. The new officers were sworn in at that time.

—Reported by Art Monsees, W4BK

SUNCOAST CHAPTER: Our chapter had a luncheon meeting at Davey Jones' Locker in Sarasota on Dec. 5, 1984. There were 80 members and guests present. Chairman Art Herrald AA4AN announced that Charles Whysall K4WZ, also a member of OOTC had become a Silent Key that same morning. Dave Johnson W4CCR came out of the hospital and then had to go back in again. Art Miligan W8KW is home and doing well after his operation. Two new members joined our chapter and they are Orrin Wengel W2ABG and Merle Turner W3GF.

—Reported by Bob Bookwalter, W4NWF

CENTRAL GLORIDA CHAPTER NO. 107: Kudos to Norm Darch, W2HGV for working as a volunteer at Lakeland Regional Hospital during the holidays and for taking the job of directing the Ham Radio training program for the Lakeland Radio Club. John Spark, W4LHP, received a much deserved plaque in appreciation of his two years as President of our Chapter. He also deserves accodales for his work as director of the Wood Brook Estates choral group who perform for many shut-in groups. His XYL, Bunny, also deserved a big hand for directing the nice Christmas party at our December meeting. The Wahlstroms, K4UY, had a wonderful cruise but are glas to be back home. Norm Weddell, W9HOH, is kept busy with mobile home park duties including renting a home to Bob and Vi, Jim Gundry's brother and sister-in-law! Charles Chapman, W4SVB, still busy traveling, this time up to NC to visit son number two and family. Charlie Zottu, WB4NSQ, and XYL Lillian, now have an excuse to travel with a daughter moving to Savannah, GA. Ulis Tucker, W4YRK, recommended we move our meetings to the third Saturday to avoid conflict with other events . . . results to be reported next month. Our meetings would still be at the Western Sirloin, 3106 Hwy. 98 N., Lakeland. Join in our net, every Saturday at 10:00 a.m., 7243 Khz, to learn more details. Some of the gang are on 21380 Khz at 9:00 a.m. each Thursday trying to work our European QCWA pals. They need more of the locals to join in. Remember the suggested New Year resolution: everyone try to bring in one new member in 1985. Also, let's all support the new leadership team for 1985: President, Al Streling, W4OFT; Vice President, Charles Chapman, W4SVB; Secretary, Notra Stoner, W4BGF; and Treasurer, Ulis Tucker, W4YRK.

—Reported by Jim Gundry, W4JM

THE FLORIDA KEYS CHAPTER 147, QCWA (Quarter Century Wireless Assoc.): Celebrated its second anniversary by meeting at the lovely home of Fred Clark, K4ET in Pirates Cove. Coffee and cookies were served. They had an eyeball QSO with each other and new members were introduced. Old times were talked about and business was transacted. Officers of the Chapter for 1985 are: Jean B. Desautel, K4VGD, Key Largo, President; G. Milton Schiedel, WN4N, Key Largo, Secretary; Fred R. Clark, K4ET, Key Large, Treasurer. Next chapter meeting will be held Jan. 4, 1985 at the home of Richard S. Williams, W2DQF, 202 Navajo St., Plantation Key at 10:30 A.M. All amateur radio opertaors who have been licensed by the government for 25 years or more, are welcome.

HIGHLANDS COUNTY FL. CHAPTER 121: Met Wednesday, January 2nd, 1985 at the Ranch Haus in Avon Park with 9 members and 5 guests attending. Outgoing officers, Sel Urband, W8OKW, Meg Hennon, K4HNU, and Phil McMasters, W4BCZ were thanked for a job well done. New officers for 1985 ARE Jim F. Jones, N4XV, President, Perkins Maitland, W8HSB, Vice President, and Mal Nelson, N4BIS, Sec./Treas.

Jim Jones, the new president, presented a Hot Line Report from QCWA on the problems facing Amateur Radio. He asked that we all put forth an effort to bring in a new member in 1985. He also reported on the desire of QCWA to lower the code speed for the General exam to 10 wpm as in the beginning. The thought behind this is to get more youngsters and others to get in to Ham Radio. It was noted the General Exam at this time is more difficult than years ago when we took it. E. Fay Daughtrey, NS4R announced the next Amateur radio examination will be held in the First Home Federal Bank Building in Sebring on January 30, 1985 at 7:00 P.M.

Respectfully submitted, Mal Nelson, N4BIS

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AREC REPEATER GROUP, Inc. WA4ARE/R 07/67 R. Brunner, Treas. 4072 Sussex Ave., Lake Worth, FL 33461. Breakfast 9AM Sundays at Clock Restaurant, N. Dixie, Lake Worth. All amateurs welcome! ! !

BRANDON AMATEUR RADIO SOCIETY, WB4BIM. Meets 3rd Thurs., Apostles Lutheran Church. Nets Mon. 8PM on 147.165 Wed. 8PM Novice CW 21.165 9PM phone 28,765. Mail: PO Box 542, Valrico, FL 33594.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB. W4AB/R 31/91. Meets 2nd Fri. 745PM, Red Cross Bldg., Ft. Lauderdale. Mail: Jan Lorah WB4KOC, 2407 Flamingo Ln. Ft. Lauderdale, FL 33312.

CYPRESS CHAPTER of Ten-Ten International. Meets Wed. 8PM on 28,665. Covers E.-Central FL. K4TSY Chapter Head. For certificate work 5 holders, send long info & $1. to Bob Lucas K4HTU, RD 3 Box 2630, St. Cloud, FL 32769.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues., Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O.Box 350045, Riverside Station, Miami, FL 33135.

DAYTONA BEACH AMATEUR RADIO ASSN. K4BV & K4BV/R 147.15. The Friendliest Rptr in FLA! Meetings 3rd Mon. ARC Daytona, 341 White St., 8PM C'mon & bring friends. Mail: PO Box 9852, Daytona Bch 32020.

EVERGLADES AMATEUR RADIO CLUB. W4SVI/R 146.235/835. We meet 2nd Fri. ea. month 8PM, Dade Co. Agricultural Bldg. 18710 SW 288 St., Biscayne Dr. at Redland Rd. Homestead 33030.

FELLOWSHIP AMATEUR RADIO CLUB, Inc. Meets 4th Thursday at Ingalls Park Recreation Center, 735 SW 1st St. Hallandale, FL 730PM. N4AXQ/R 147.81/147.21 Mail: Box 680284, No. Miami, FL 33168.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDORA YL'S, W4FE. Pres. KA4MEW, Vice Pres. WA4EDL, Sectry WB4AUR & Pres. W4WPD. Nets: Tues. 9AM 3933 and Mon. 930AM 7285 kHz. All YLs and XYLs welcome to join us.

FORT PIERCE AMATEUR RADIO CLUB meets informly every Tuesday, 730PM, Room W-109 Indian River Community College, Virginia Ave., Ft. Pierce. Byrd Ford KA4GNX, Sec. Box 5 33454

GULF COAST AMATEUR RADIO CLUB. P.O. Box 595, New Port Richey, FL 33552. Meets 4th Mon. each month 730PM at Colonial Hills Civic Assn. 87 Peacock Dr. NPR 146070/670 WA4GDN. All are welcome.

THE GOLDCOASTERS. Meets 2nd Mon. ea. mo. Pals Captain's Table, Deerfield Bch, 11:30AM. Additional meetings 4th Mon. during Jan. thru Mar. Open membership. Write: PO Box 2778. Boca Raton, Fl 33432 Phone 421-6704. Net daily 14346, at 915AM

GREATER TITUSVILLE AMATEUR RADIO CLUB. Meets 3rd Mon 730PM ea. month at Titusville Chamber of Commerce Bldg. Mail: c/o W. R. Young, K4DQT, 3845 Catalina St., Titusville 32780 Rptr 146.31/146.91 for other details.

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ meets 4thThursday 730PM Telcom Plus Bldg. 5723 Benjamin Ctr. Dr. N. TPA Arpt. Mail: Box 24602, Tampa, 33623 info 884-7917.

HOLLYWOOD AMATEUR RADIO CLUB, Inc. WB4TON/R .385/.985 Meets 3rd Mon. 800PM Rm 238, So. Satellite Court House, 3550 Hollywood Blvd., Mail: PO Box 6306, Hollywood, FL 33021.

INDIAN RIVER AMATEUR RADIO CLUB W4NLX meets 4th Thurs. First National Bank, Merritt Isl. 730PM Mail Box 5 Cocoa 32922.

KEY WEST AMATEUR RADIO CLUB W4LLO/R 146.34/94. Meets 3rd Mon. 2000 hours Old Monroe Co. Chapel, Jr. College Rd., Stock Island. Mail: KWARC c/o C. T. Gossard W3YWK, Rt 2 Box 402B, Summerland Key, FL 33042.

LAKE AMATEUR RADIO ASSN. Inc. K4FC.Meets 1st & 3rd Thur. 8PM, Clubhouse, Springdale Ave., Bassville Park. Mail: Dot Favorite KA4MIL, 106 Island Dr., Leesburg, FL 32788 All Welcome.

MAGIC CITY AMATEUR RADIO SOCIETY. Meets 4th Saturday, 3rd floor, Conference Room, 2PM, Joseph Caleb Center, Miami. Details from: John Dillard, WB4WXF, Pres. 305 633-5433.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM Ed White Sr. Hi School RM 110, 1700 Old Middleburg Rd., Jax. Mail: B. Williams N4UF, 9110 Rio St. Johns Dr. Jacksonville, FL 32211.

OLD OLD TIMERS CLUB (OOTC) net Sunday 2PM on 7247 kHz. Info: Bob Bookwalter, W4NWF, 728 Valencia Rd., Venice, FL 33595. 813-485-7928

METROPOLITAN REPEATER ASSN. Inc. KO4J 147.96/147.36 222.34/223.94, 444.30/449.30 meets 4th Thurs 730PM Freedom Savings Bldg., 2230 E Bay Dr. Keene Plaza, Largo. Mail: Box 1462, Pinellas Park, FL 33565.

PALM BEACH REPEATER ASSN., Inc. 28/88. Meets 1st Tues. each month 730PM. Palm Beach Civil Defense Bldg. 3723 Belvedere Rd. WPB. All welcome. Membership available. PO Box 461, Lake Worth, FL 33460. Jim Schoech, WD4LHF, Pres.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd Mon. ea. month, Red Cross Bldg., 1150 S. Hickory St., Melbourne. Mail: Box 1004, Melbourne, FL 32901. Rptr: WR4AMJ 146.25/.85.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd Thur 730PM. Clubhouse on 1st St. Ft. Walton Bch. Mail: PO Box 873 Ft. Walton Bch, FL 32549 March Swapfest Rptrs 146.19/79 & 147.60/00.

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SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM. Sarasota Co. Administration Ctr, US 301 & Ringling Blvd. 6th Floor lounge area.. Mail: Box 3182, Sarasota, FL 33578. Join us ! ! !

SILVER SPRINGS AMATEUR RADIO CLUB. Meets 3rd Tues. ea. month at Forest Hi School, 1614 SE Ft. King St., Ocala 730 PM. Net other tues. 730PM on 146.01/61. Mail: Hugh C. Henline W4JOP, 3480 SE 26th Ct., Ocala, FL 32671. Ya'll come Now!

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SOCIETY OF WIRELESS PIONEERS. Edison Chapter meets Sun. 2PM, 7055 kHz. Bill K4TF CHOP. Info: Bill Willmot K4TF, 16 30 Venus St., Merritt Isl., FL 32953. Transcon SOWP net, Tue. & Thurs 10AM EST, 14115. Info Sy, W4IKU, 305 651-5385.

MANATEE AMATEUR RADIO CLUB. Meets 1st Tue. 7PM at Bradenton Down town Library by Pier Restaurant. Info: Call Luther KA4MRQ, 747-8128. All persons welcome.

SOUTH FLORIDA FM ASSN. W4SGQ/R 146.16/76, WD4BVO/R 146.7/147.0 & WD4SFG/R 449.20/444.20. Mail: PO Box 4300-25, Miami, FL 33143. Meets 2nd Mon. C.D. Hq. 5600 S.W. 87th Ave. Y'ea Come ! ! !

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle, Columbia & Barbados. Mail: PO Box 10453, Tampa, FL 33679.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, PO Box 6834, Southboro Sta., WPB, FL 33405. Meets 3rd Sun. 9AM VFW Post 4360, Palm Springs, East of Fire-Police Station. Info: 655-5766.

ZEPHYRHILLS AREA AMATEUR RADIO CLUB' INC. Meets 4th Thur. ea. mo. 730PM at Community Center at Lake on W 54. Mail: PO Box 1534, Zephyrhills, FL 34248. Come & bring XYL.

QCWA CALOOSA CHAPTER. Luncheon last Wed. ea. month 1130 AM, Le Bistro restaurant, 4515 Del Prado Blvd., Cape Coral, 3 blocks N. of Parkway on right. Info: D. Bowman W4OUU, 5317 Colonade Ct., Cape Coral, FL Phone 813 542-4656. All Welcome.

QCWA CENTRAL FLA CHAPTER Meets 2nd Sat. noon, Western Sirloin, 3105 Hwy 98N, Lakeland. Net 10AM Sat on 7243kHz. Info: Charles Chapman W4SVB, 726 Easton Dr., LAL 813-683-0858.

QCWA CITRUS CHAPTER. Meets 3rd Saturday each month 1130AM at Duff's Famous Smorgasbord. Intersection SR 436 & 434 "K" Mart Plaza, Altamonte Springs. Net meets 9AM Saturday 3955 kHz. All Welcomed.

QCWA EVERGLADES CHAPTER. Meets 2nd Sat., Sept thru Apr. at Peter Pan Diner, Oakland Park Blvd & Dixie Hwy. Info see SKIP new column or call Cy Harris W4MAQ, 11511 NW 33 St., Sunrise, FL 33323 742-2154

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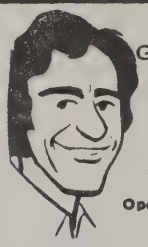

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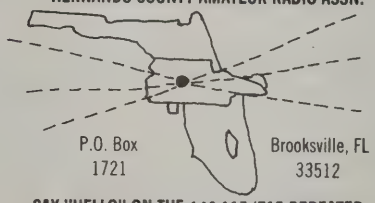

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QCWA GATEWAY CHAPTER meets 3rd Sat. ea. mo. Uncle Johns Pancake House, Beach Blvd. Net 7230 kHz. Info: Florence Bogardus W4HRC, 5737 Luella St. Jacksonville, FL 32207.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon at Chief Charlie's Restaurant on route 580 Dunedin Wkly net Sat. 915AM on 3920kHz. E. Nannis K4JMH 14996 Imperial Pt. Dr. No., Largo, FL 33544 All welcome.

QCWA HIGHLANDS COUNTY CHAPTER (121) meets first Wed. Contact K4HSC, Meg Hennor, Sebring 655-0871, V-P or W4BCZ Phil McMasters 465-3359, Rt. 5 Box 275, Lake Placid, FL 33852

QCWA PELICAN CHAPTER. St. Petersburg. Meets 3rd Wed. Noon. The PUBLication Restaurant and Lounge, 1190 34th St. N. Net meets Sat. 3930 KHz. at 10AM Info: A. Monsees W4BK, 1255 Pasadena Ave. S. South Pasadena, FL 33707. Telephone 381-5411 Ext. 7024. All Welcome.

QCWA SOUTHEAST CHAPTER. Meets 3rd Sat. ea. Mo.at Noon. More info: W4KGJ 666-2058, W4KO 685-1963 or W4LGP 891-7692. We also welcome all OOTC and SOWP members anytime! I

QCWA SPACEPORT CHAPTER meets 3rd Sat. of each month at 11:30AM at Gatsby's on SR 520, Cocoa Beach. Bill, K4TF, Pres. K4KCN, Chas, Secty. 453-0285 for info. Old timers always welcome.

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Davey's Locker, RM of Windjammer Rest. 7100 S. Trail US 41. Ist Wed ea. month. Oct. thru May. Info: H. Osborn 677-1449.

QCWA SUWANNEE CHAPTER No. 62. 11:30AM 4th Saturday, even months. Holiday Inn-West, Ocala. Net Saturday 3940 kHz. 9AM. Pres. R. Chartier W1RFE, VP J. Armstrong N4HZR, Sec/Tres. Hugh Henline W4JOP

QCWA TREASURE COAST CHAPTER. Chairman W4TZ, & Sec-Treas K4QM. Lunch, 2nd Thurs. Sheraton Regency, No. A1A, Vero Beach. Mail: Box 3088, Vero Beach, FL 32964.

MARTIN COUNTY AMATEUR RADIO ASSN. K4NTA/R 147.060 - 600. Meets 4th Wed. 1930 Langford Park Fldhse, Jensen Beach. Mail: P. O. Box 1901, Stuart. FL 33495.

INTRACOASTAL AMATEUR RADIO ASSN' 145.410 MHz, KA4SEJ/R. Dinner meeting last Wed. of month. Info: on air or KA4LAV, Stu 925-5321 days, Hollywood, FL.

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF, meets 2nd Thurs. each month 730PM, American Red Cross, 624 Court St., Clearwater. Mail: to Box 7388, Clearwater, FL 33518. All Welcome.

FLORIDA AMATEUR DIGITAL COMMUNICATIONS ASSOCIATION (FADCA) State-wide packet radio organization. 812 Childers Loop, Bradon FL 33511 (813) 689-3355. Net every Sunday, 8AM, 3958 kHz.

GOLD COAST AMATEUR RADIO ASSO. Inc. Box 505, Pomp. Bch. FL. 33061-0505. Emerg Net Thurs. 730PM W4BUG/R 146.22/82. Traders Net 8PM WB4UFA/R 146.01/61. UHF rptr WB4RZS/R 447.2/442.2. Club meets 4th Mon. 730PM Imperial Pt. Hosp. 6401 N. Fed. Hwy. Ft. Laud. Talk-in 61.

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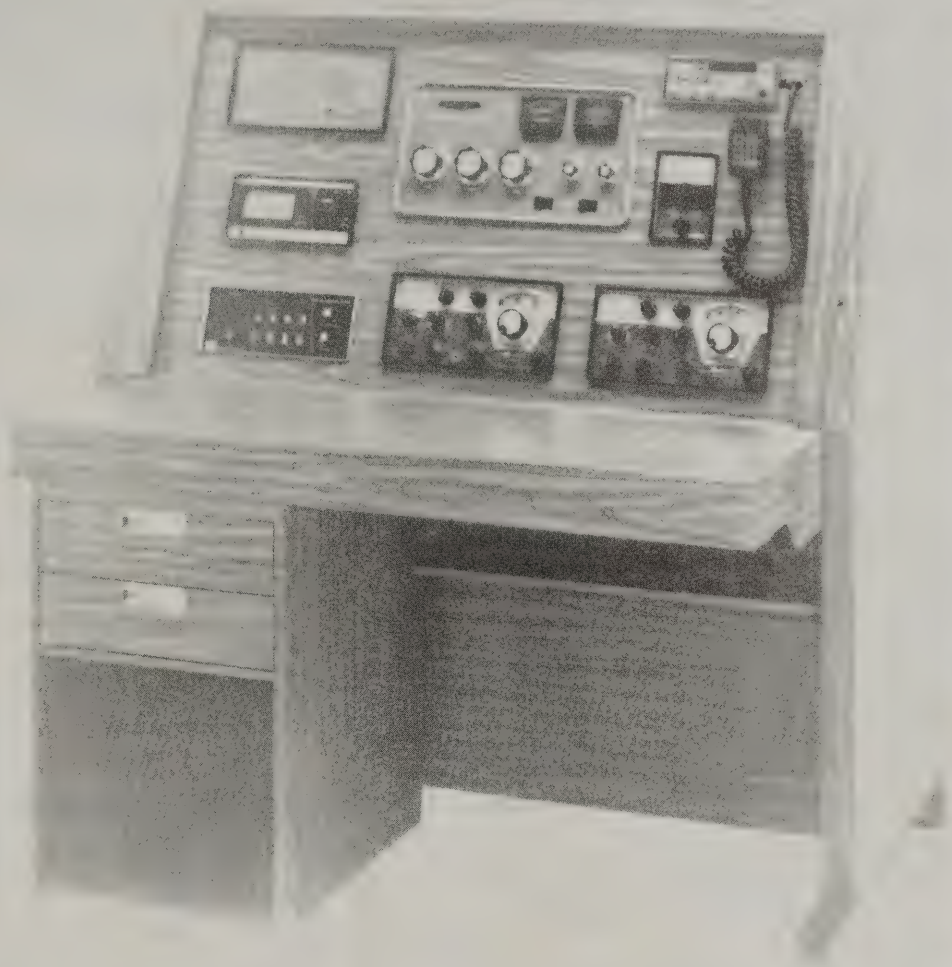

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BACK TO BASICS
de WB4GHU

This month I will assist you with the initial process of composing a formal message for transmission on a traffic net.

The overview of a message reveals that there are four distinct parts to a message: 1) Preamble; 2) Address; 3) Text; 4) Signature. Each of these parts is equally important, and the degree of care taken to properly construct each portion will determine the degree of success in getting your message delivered. With this in mind, set out your CD 218, and we'll start with the Preamble.

The first item in the preamble is the MESSAGE NUMBER. It is mandatory. Use whatever numbering system you choose, but try not to be too radical. Common accepted practice is to begin with number 1 each January and number consecutively through the year. Another system begins with a new number each month. Use whatever works for you, but, as I said, try not to be radical.

Next comes the PRECEDENCE, or degree or urgency of your message. You will often hear nets asking for "Priority or time-value traffic" somewhere near the beginning of the net. This is an example of the fact that NON-routine traffic is handled before routine traffic on nets. Most messages are designated as ROUTINE; however, some PRIORITY traffic is handled during normal times. WELFARE traffic sometimes bears the designation INQUIRY (Q on CW), and should be used only during an emergency situation, with that use being ENCOURAGED as coming FROM the disaster area. (PLEASE don't swamp a disaster area with INCOMING welfare inquiries!). During normal times, there should never be a use for an EMERGENCY precedence; if the phones are operational, use them. The nature of the EMERGENCY precedence denotes traffic of an urgent nature during a disaster.

An optional item comes next: HANDLING INSTRUCTIONS. They are detailed on your OpAid, and a future column will be devoted more fully to them.

The next item is one which is sometimes confused; it is the callsign of the FIRST station to actually TRANSMIT the message over an amateur radio using proper message format. If you call someone on the phone with a message to be sent, that station should construct his own preamble, using his OWN callsign, not yours. Similarly, if you are talking to someone on the air and ask him to send a message for you, UNLESS you put the message into the proper format and send it to him over the air, that station should again construct his own preamble, using HIS callsign, not yours. REMEMBER: the callsign of the originating station is the one who first transmits the message over amateur radio in its proper format.

The CHECK is next; simply put, it is a count of the number of words in the text. Since this is sometimes a confusing item, a future column will be devoted to it, as well.

The PLACE OF ORIGIN, is next. Don't make the mistake of thinking that this is always the place of residence of the originating station. It is, literally, the PLACE of origin. If you are in a large metro area and originate a message for someone in an adjacent city, the name of that city is the place of origin, not the name of your city. If you originate traffic while on a trip, the place of origin is where you happen to be at the time, not where you live.

The FILING TIME is next; it's optional on routine messages and mandatory on emergency or priority traffic. If you use it, UCT is recommended.

The DATE is the last item in the preamble. "Today's date" is NOT accepted useage! The date consists of the current month and day — that's all. No year is needed. The format dd/mm/yy is not acceptable useage, either.

Now that I have given you a brief but sufficient rundown on the preamble to a message, keep your CD 218 handy, dig out the address of someone you'd like to send a message to, and get ready for next month's column. Until then, keep listening to traffic nets and check in when you can.

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RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 5 cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $2. All commercial and non-subscribers rate is 10 cents per word. Minimum charge of $3 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign and the ZIP, Area/phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! Commercial display, Full Page $80.25, Half Page $50.25, 1/4 Page $35.25 and 1/8 Page $24.25, CAMERA READY. Lay-out, make-up, typeset fee is extra according to size of ad and typeset required for same.
DEADLINE for all Hambars and ads, 8th of each month in P.O. Box 501, Miami Springs, FL 33266. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

FOR SALE: YAESU FT101 80-10 meters, MARS 4.5-5.0 MHz, mic included $350. SWAN-350C, 8950 tubes in final plus 117XC power supply $250. 405X crystal oscillator plus MARS xtals $30. SWAN phone patch $30. 14X DC module for 12V operation $25. Amateur WB4WNM, 708 Washington Rd., Valrico, FL 33594 813 689-8822.

NOTICE ALL NETS CLUBS AND TRAFFIC TAKERS. IF YOU WANT TO BE LISTED ON A "SPECIAL PAGE" IN THE NEW FLORIDA TRAFFIC ROUTING GUIDE, SEND YOUR DONATION TO EDITOR RON, WB4GHU OR FLORIDA SKIP BOX 501, MIAMI SPRINGS FL 33266. MAKE CHECK PAYABLE TO FLORIDA SKIP. GUIDE IS DUE OFF PRESS IN LATE JANUARY 1985.

WHEN DOES YOUR AMATEUR LICENSE EXPIRE ?? Are you sure?? Better look again. Two guys I know , didn't bother to check and lost their license completely. FLORIDA SKIP sends FCC 610 forms, one day service. Send a Self Address Stamped Envelope for yours. Box 501, Miami Springs, FL 33266.

Sell: Hy-Gain 40 mtr beam, see pg. 119 Jan QST. I can't use it. If interested call me and I will explain. Partialy assembled. CAn't ship. $100. less than ham net. Call evenings 904 732-3364. George Sperry W4UKA, 635 SE 19 th St., Ocala, FL 32671.

FOR SALE: TEN TEC 546 series "C" PS No. 255. Processor No. 234, VFO 243, mike mod. 245 plus the electric complete line in perfect working condition. Can be seen working, original owner, manuals. Make offer! ! ! ! Luis Bardino KB4BC, 174 E. 10th St., Hialeah, FL 33010 305 888-6137.

FOR SALE: A Complete station, Heath SB102, transceiver, complete SB - 600 power supply-speaker and D-104 mic. All in good condition with manuals and connecting cables. $175. Ed Cooke K4OHA, 17400 SW 85th Ave., Miami, FL 33157 305 251-5354.

Kenwood TS-180S xcvr, factory, installed WARC, YK88C, YK88S cascade filters, microphone, operator and service manuals, original cartons, excellent $595. PS-30 $100. or both $680. Walter Camuso W1ESN, 615 Greytwig Rd., Vero Beach, FL 32963 305 231-0745.

SELL: Champion sensor chess challanger model CSC. It thinks - sees and talks for every move. It has full 50 word vocabulary. With a teacher and infinite levels of play. Also a computer printer model /FP which keeps: a record of every move. It plugs into the main, unit. The model CSC built in Miami by the Fidelity Electronics, Ltd. cost over $375. Sell for $100. This unit is brand new. Horace A L'Heureux K4JHZ, 6120 Springhill Blvd., Springhill, FL 33526 904 683-5120.

PEDESTRAIN: SOMEONE WHO'S SURE THERE'S STILL GAS IN THE TANK WHEN THE GAUGE POINTS TO "EMPTY".

FOR SALE: Complete Heath station $595. HW101, HP23C, HS1661, SB630, SA2040, HD1416, ER3701, B&W333, Drake TV1000, power mic. All manuals, spare tubes, parts. Pick up only. Dan Noe WV4Y, 11451 129th Ave. N., Largo, FL 33544 813 581-0167.

SELL: HEAVY DUTY galvanized tubular steel tower and tilt-over base. Wilson 61B and MT-61B. Rotor mounts in base, entire tower rotates on massive bearings. Motor drive up-down, can be remoted to shack. Free standing (no guys) designed for 18 square feet of antenna. Replacement cost over $3000. now reduced to only $1250. Also Telerex 6 element tri-bander, TB6EM, best you can get! Boom is three inches in diameter. All stainless hardware, Telerex Balum. Cost new $585, now reduced to $275. Both tower and beam 2 years old, disassembled, ready for your boat trailer pickup or I can arrange inexpensive local delivery. Package price, tower and antenna, only $1400. Marshall Goldblatt W4EMB, 11801 SW 70 Ave., Miami, FL 33156 305 666-6997.

FOR SALE: HAL CT-2200 (communications terminal) for CW, RTTY, ASCII and KB-2100 key board, brand new condition $450. Call or write Anthony N. Musero K3UKW, 1609 So. Iseminger St. Philadelphia, PA 19148 215 271-8898.

PLAN AHEAD: It wasn't raining when NOAH built the ark.. . . . . .

SELL: YAESU FT480R USB, LSB, FM, CW mobile transceiver 143.500-148.500 MHz, excellent condition $225. 2 meter amp. 75 watts out, 3 to 5 watts in. $100. Bird Thruline directional watt meter SO—239 plus 2 elements, 100-250 MHz, 250 watts and 25-60 at 500 watts. Clean like new $150. Morsematic programmable keyer, cost over $200. still in box $100. Brimstone 144 2 meter transceiver, a real workhourse 143.000 to 149.999 MHz. 25 watts out mobile. A fully synthesized unit. with touch tone pad and all manuals A-OK $100. SBE-34 transceiver 12 VDC or 115 VAC. A real compact unit. Home or mobile. USB-LSB and up to 100 watts out. All built in. Power supplies, microphone, manuals etc. perfect $80. Horace A L'Heureux K4JHZ, 6120 Springhill Blvd., Springhill, FL 33526 904 683-5120.

SELL: HEATHKIT SB220 with 10 meters mint condition $450. ICOM 745 new condition, 16 memories, all bells and whistles scanning, mike $675. TR-2500 2 meter hand held, extra speaker-mike, leather case, 12V auto chager extra Hvy duty battery $250.00. R. Fiske K4QWE, 1914 Green Meadow Dr. Lutz, FL 33549 813 949-2160.

FOR SALE: Kenwood TS520, TV506 transverter with manuals and cables, Charles Pugh W4AKE, 150 Wright Grove Road, Oakhill, FL 32759 904 345-3114 after 5 PM.

THE TROUBLE WITH TOO MANY PEOPLE TODAY IS THAT THEY ARE EDUCATED BEYOND THEIR INTELLIGENCE. . . . .

FOR SALE: SBE-144-148 2-meter transceiver, 12 chnls, 12 watts output, loaded with std rptr pairs & simplex $70. JC Penny Cassett recorder-player, beautiful $20. Color & B/W portable TV sets, need repair. $10. each. Need space, pick-up only. Soli-tron solid state 12V 8A battery charger $15. New Coax RG59U only 7 cents per ft. 100 ft. No. 12 antenna $9. All above plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166

TEST EQUIPMENT MUST GO. General Radio Impedance Bridge 1650-A, all $90. Sprague Tel-Ohmike capacitor analyzer mode. T)-5 $25. BC-221-M , with a.c. supply and orig. cal. book. $25. BC-221-AH with cal. book, unmodified, Good condition, wood case $30. EICO audio generator sine & square wave mod. 377. $30. TEC (Transistor Electronics Corp.) transistor tester mod. TDT 200A, 115V AC $30. Precison tube tester, older model $30. Jackson Elec. Inst. Co. power supply 0-300 VDC, metered, 115V operation regulated supply $25. RCA Sr. Volt-Ohmist WV-98C meter, 115 VAC operation $35. Simpson Wattmeter 1 & 2 Kilowatts mod. 880, new in box $30. Hickok Elec. inst Co. VOM/wood case $12.1900's telephone crank/ringer box, an antique $35. Heathkit decade condenser DC-1 $8. Heath Reistance Decade RD-1 $8. HIP VOM Mod. 400H 12 ranges, 115V AC operation $30. All above equipment is in fair to good condition. No manuals. Make offer on any item or package deal. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 2 PM or anytime during week-ends.

THE WISE MAN DOES NOT PLAY LEAP-FROG WITH A UNICORD. . . .

FOR SALE: Hy-Gain 75-10 trap vert $20. Swan 1040V 40-10 trap vert new $75. Two EE8 field phones $30. each RD-11B wine recorder plus 4-60 min. magazines. Hallicrafters S40A $20. R4Z speaker $15. BC-221Qsignal generator, not modified $15. Hammerland HQ-145X $50. CDR rotor control $8.50 Signal Gen. Heath 102 $35. RG-223/U 50 ft. RG8U 75 ft. 100 ft, 100 ft at .06 per ft. 5/32" steel cable 10 cents per ft. Plus UPS or FOB.Send SASE to Doc Schelter W4OYC, 3126 SE 26 St., Okeechobee, FL 33472 813 467-2511.

WILL TRADE OR SELL: Hustler 10 meter super resonator, 15 meter super resonator, 20 meter super resonator, 40 meter super resonator, 75 meter super resonator for same standard resonators, 400 watts. Howard Clarke WA4FER, 611 Villa Grande AVe. S., St. Petersburg, FL 33707 813-347-4702.

TIME SPENT IN GETTING EVEN WOULD BE BETTER SPENT IN GETTING AHEAD. . . .

FOR SALE : 2 meter Yaesu transceiver FT-227RB with up-down scanner controls on mic. Perfect condx. $225. SB-34 transceiver, self contained 12 V & 110V power supplies, with mic and cables $195. Stan Bittner W4-JKK, 10821 SW 67th Ct., Miami, FL 33156n. 305 667-2417.

FOR SALE: COLLINS 75S3, 32S3, station monitor and power supply. All in excellent condition $500. Heath H-8 Computer Z-80 CPU, 64K 4 port, serial board, (2) H-17 disk drives $400. New Z-29 Zenith Smart terminal $350. Hal Frost WA4NKI, 2925 Karanda St., Titusville, FL 32796 305 267-2976.

FOR SALE: YAESU FT-902DM $695. Mobile mount for Yaesu FT-101 $25. Harp C.W. Sending Machine with new brown BTL-A key $75. plus best offer for the following: Instructograph & 10 tapes, Knight Stereo amplifier, EICO 706 code practice oscillator, antenna Supermarket AV-1 portable antenna, 1983 U.S. & Foreign Callbooks & tuning know for KW-2000A transceiver. John Attaway K4IIF, P.O. Box 205, Winter Haven, FL 33880 813 324-4122.

SELL: TEN TEC OMNI "A" transceiver with all factory up-dates, clean & dependable $350. Very clean ICOM 251A, all mode, two meter righ $340. WANT TO BUY: TS830 and Ten Tec 252 power supply or similar. N. R. Thornton K4JXD, 612 - 24th St., Zephyrhills, FL 34248 813 788-3984.

FOR SALE: Twelve years QST (1973-1984) $20. Seven years 73 Magazine (1978-1984) $12. Extra heavy duty crank-up tower, 40 feet, with bottom hinge plate, wall bracket, new heavy duty guy wires and CDR Ham Rotor (Rotor needs service) all for $250. Kenwood TS520 with 500 Hz CW filter and new finals $350. Kenwood 820S with 250 Hz CW filter and remote VFO 820 $550. Colins 30L1 linear with extra set finals $550. Yaesu FRG 7 communications receiver, like new $160. Heathkit SB-614 oscilloscope/station monitor $80. Heathkit SB-634 phone patch/digital clock/wattmeter station control $80. Lambra very heavy duty 35A regulated power supply, 12 volts, rackmount, crowbar, fully metered $90. 2 Motorola Motrac 50 W two meter mobiles, 100 bucks each. Finals: 8560-AS $50., 811A $17.50. Peter Van WE4Q P.O. Box 14546, Ft. Lauderdale, FL 33302 305 525-5100.

IT'S NOT THAT I'M AFRAID TO DIE. I JUST DON'T WANT TO BE THERE WHEN IT HAPPENS. (Woody Allen). . . .

FOR SALE: Drake R4B, MS-4 $150. Drake T4XC, AC4, T4XC needs electrical work $125. Blonder Tongue field strength meter 4127, 52-220 MHz; 470-890 mHz $100. General Radio unit oscillator 1209B with power supply, manual 250-920 MHz $75. Collins 32S-1, 516F-2 $150. Tektronix 515A scope515A scope $100. Martino Research, 1570 Avanti Road, West Palm Be ach, FL 33411 305 684-4612.

FOR SALE: 220 MHz, Midland 13-509 $140. and ICOM IC3-AT $175.00. Or the pair for $300. Bob Townsend KD4AO, 21244 Hazelwood Ln. Boca Raton, FL 33428 305 482-7164.

FOR SALE: Kenwood TS830S with 500Hz filter, used 50 hours $595. Heath SB-220 linear w/10 mtrs $395. Telex CM 1320 headphones w/mic $50. Drake TV-1000 low pass $15. TV-42 low pass (new) $12. SST T-2 200W tuner $25. Electro Voice 664 mic with DJ-type stand $50. W2AU 1:1 balun $10. KLM J-2 2 mtr 5/8 wave (new) $20. Tom Nail, AE4H day: 305-462-5026 eve: 305 524-6759. P. O. Box 564, Ft. Lauderedale, FL 33302.

SALE: DRAKE HF gear TR7, PS7, MS7, fan, CW filter, narrow sideband filter, Shure 444 mic and service manual $795. ETO Alpha 76CA amplifier $1295. Azden PCS-4000 2 meter rig $150. IC2AT handheld with BC-30 charger, 2 each BP-5 batteries and speaker-mic $195. TU-300 RTTY terminal unit $175. All like new. R. Abend KC4ZO, 1265 Palmdale Circle, Palm Bay, FL 32905 305 723-7774 or 305 724-7854.

FOR SALE: Heathkit linear amplifier model SB-200 (SSB: 1200 watts PEP CW: 1000 watts.) Mint condition $300.00 Carlos Munoz TI2FES/W4 8120 NW 53 St. Suite 200, Miami, FL 33166 305 592-5106 working hours.

HAPPY NEW YEAR SALE: Kenwood TM-201A 2 meter transceiver, brand new, unopened $225. AEA MorseMatic MM-1 keyer, 12VDC adapter $80. CW Sendin' Machine memory keyer $55. Datong FL-1 audio filter, power supply $60. Hamco (Vibroplex) paddles (Brass Racer lambic) Scotia (plain) $40. Trinidad (machine-turned finish) $50. Plexiglass cover $10. Hell EQ-200 equilizer, built-in 2-tone generator $30. KLM 160-meter vertical $10. (pick-up) Heath AM-2 SWR bridge $10. Heath GC-1720 Digital wall clock, unassembled, never unpacked $30. Heath ER-3702 General Class study course, brand new, unopened $30. MFJ 202B RF Noise Bridge $35. ESCORT radar detector, brand new $185. Delco AM/FM car stereo, 8-track $10. Janel 6-meter preamp $10. Rossound FP-36 Patchbay, cables $25. UPS extra. Mike Raskin K4KUZ, 561 W. Tropical Way, Plantation, FL 33317 305 583-4026.

COLUMBUS DISCOVERED AMERICA SO EUROPE COULD HAVE SOMEPLACE TO GO TO BORROW MONEY. . . .

FOR SALE: YAESU FT101ZD, CW filter installed, spare 6146B's dust cover, $450. Max Weiman, K4JHI, 725 SW 11 Ave. Hallandale, FL 33009 305 454-2614.

FOR SALE: TEN TEC Century 21 $200. Realistic DX-160 rcvr $85. MFJ 40-T MFJ 40-V $20 for both. Plus UPS. Norm Glover N4BKY, PO Box 701, Pierson, FL 32080 904 749-4414.

FOR SALE: YAESU FT-620B, 6 mtr transceiver, SSB, CW, AM, Yaesu PPT mike, manual, very very clean. $350. Yaesu NC-9B NiCad battery charger 13VDC 45mA for 208R etc $12. Yaesu YD-844A, 600 ohm or 50K mike (6 prong plug) with PTT stand $26. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

DONT REGARD IT AS LOSING HAIR'. THINK THAT YOU ARE GAINING FACE. . . . . K1GGP/4. . . . .

FOR SALE: Cushcraft vertical R-3 10/16/20 meters 1 month old $230.00. Yaesu FT-101F with speech processor and CW filter $450. Dentron Transmatch 10-160 $50. all with instruction manuals and in mint condition. Jorge Gutierrez AA4AO, 11215 NW 6th St., Miami, FL 33172 305 223-7224.

FOR SALE: Three CB to 10 meter conversions. One in cabinet, one breadboard and one in process of conversion with parts and instructions $50. Heathkit mod. VF-7401, 2 meter digital transceiver, A1 condtion, mic and manual $125. Heath HWA-2063-3 power supply, matches above transceiver with manual $30. Micronta SWR bridge - watt meter and modulation meter, lo-band $17.50. Drake TV-100 lo-pass filter $10.00. VTM and probe $10. Hustler 10 & 40 meter elements $4.00 each. Santec 2 meter transceiver, belt clip and speaker-mic, A-1 with manual $250.00. Cash or money order. Tom Schropp WA4QNY, Apt. 514, 2655 Nebraska Ave., Palm Harbor, FL 33563 813 785-2576.

GOSSIP HAS A WAY OF SAYING NOTHING THAT LEAVES NOTHING UNSAID. . . .

WANTED: Commodore 64 with all equipment for RTTY, except printer. Need cable for 64 to Gemini 10 printer. Need marine Xceiver with 81 &83. Hank Schueler WB4MYX, Rt. 5 Box 821, Big Pine Key, FL 305 872-2176

FOR SALE: Like new, KENWOOD remote VFO-820 (will work with TS-520, 520S and TS-820) $90. Heathkit phone patch & HD-15 $40. Hustler trap vertical 4BTV with 75 meter resonator $75. Jim Gundry W4JM, 2908 Forestgreen Dr., south, Lakeland, FL 33803 813 644-3435.

FOR SALE: Like new Kenwood TS430S with 270 Hz filter, microphone, power supply, speaker, service manual covers $750. Butternut HF 6-band vertical antenna, radials $70. Henry Shankle, 668 Poinsetta Dr., Satellite Beach, FL 32937 305 773-0547.

FOR SALE: Dentron MLA-1200 , new condition $350. Drake TR7, transceiver, PS-7 power supply, MN7 antenna matching nework, Rv-7 Remote VFO and MS-7 speaker, with opertors manual and Service manual, very clean condition all $825. Dentron MLA 2500 amp. with manual $450. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

YOU KNOW YOU'RE GETTING OLDER WHEN YOU LIGHT THE CANDLES ON YOUR BIRTHDAY CAKE AND THE AIR CONDITIONING SWITCHES ON. K1GGP Korner. . . .

FOR SALE: 10 meter Sanyo TA 2000 CW only with power $35. 2 Meter Hy-Gain 3806 HT-6 channel $35. Both items in good condition. Will trade both items for a scanner in good condition. George Houser, WD4-FSV, 9469 SW 51 Ct., Cooper City, FL 33328 305 434-4342.

SELL: Hy-GAIN TH2MK3 2 element tri-band beam, brand new, never used, partly assembled, less than half price $65. Johnson 275 watt Match Box without SWR meter, covers 10 thru 80 meters $20. No shipping. Pick up only. E. F. Mattison K4SMN, 2258 Claiborne Dr., Clearwater, FL 33546 813-531-4317 after 7 PM.

FOR SALE: Knewood TR-2500 2M H.T., MS1, mobile stand, SMC-25 speaker mic, TU-1 tone encoder, extra PB-25H battery pack, Vo-Comm 30 watt amplifier, all for $295. Phil Buzolitz W9SC, 2931 Walnut Lane, Hobart, IN 46342 219-942-1458.

SELL: Heath SB-200 linear amplifier, with manual $225. Genave 6 amp. regulated power supply $20. Both A-1. 150 feet RG8U coax, in lengths of 50 and 100 feet with connectors, like new $22. Plus shipping Money order or cashiers check please. Charles F. Lovely KE4HK, 226 Farmingston Trail, Kingston, TN 37763 615-376-3727.

MY FOREMAN TOLD ME NOT TO WORRY ABOUT A MACHINE REPLACING ME. HE SAYS THEY HAVE NO MACHINES THAT DO NOTHING AT ALL.. . . . .

YAESU FT-980, AM filter, SP980, MD-1B8 mic. $1050. This rig is in A-1 condition electronically/cosmetically. I have used this for 7 months with NO problems. It is 100% OK! Drake L75 amplifier, uses 1 3-500Z tube, 1200 PEP. Also in A-1 condx. $550. Dick Schumacher KF4OE, 17316 Linda Vista Cir., Lutz, FL 33549. 813 962-3095.

SELL: GEM QUAD 10-15-20, 6 weeks old, moving, must sell. Paid $275. Pick up for $130. Mike Hagans WA4ZGI, 218 Pondella Rd., North Ft. Myers, FL 33903 813 997-9522.

WANTED: Remote connecting cable ECK-90 for AZDEN 2000. Write C. E. Reames WA4UQK, 2128 Lk. Holloway, Lakeland, FL 33801 or call 813 665-7856.

ONE WAY TO STOP A RUNAWAY HORSE IS TO BET ON HIM.

FOR SALE: KDK-2025 Mark II with KD—DMTT1 Touch-tone mike, all $250. Nye-Viking phone patch $18. FM UHF Band Exspander (MFJ-311/312) 154-156 Mhz. with instructions $38. Hy-Gain control & CD-44 rotor. $69. Wilson 45 ft crank-up-down tower $250. 2 meter DX-144 beam $35. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Spgs, FL 33166 305 888-3874 after 2 PM.

WANTED: CW Filters for Collins 75S-3B/3C, F455FA-05 (500Hz), X455-Q200 (200 Hz). Trade for VIC 20 & Dataset or buy. D. Terrill K4ANT, 5606 Sedgefield, Orlando, FL 32808 305 299-6338.

FOR FREE: Thousands of items suitable for hamfests sales, stored in mini warehouse in Miami. Transmitting and receiving tubes, parts and accessories collection of over 50 years, publications dating back to 1914, QSTs from 1930's, some copies into the 1920's. No modern equipment. Need truck to haul away. For info call Ed Wright W4GFQ, 9232 SW 75 St., Miami, FL 33173 305 271-4761.

FOR SALE: APPLE II Plus computer with two apple disk drives, Microsoft Z80 CP/M card, 16K language card, 80 column card, two disk control cards, printer interface card, printer, green high resolution monitor, over 140 verbatim disks with hundreds of programs, encluding Wordstar, D base II, fortran-80, and Pascal. $1500. Richard Lowe WD4NJN, 7821 SW 90 Ave., Miami, FL 33173 305 274-6706.

STOLEN EQUIPMENT: ICOM TR model 730 SN 13810941, ICOM PS15 SN 113-14720. Midland 2 Mtr TR 15-510 SN 70100609. Realistic 3-band 16 channel programmable scanner. 10 inch Quasar color TV SN KM307710-83. Heath AR29 AM/FM stero radio SN 047A5971Y Pentax 35 MM Spotmatic camera SN 1427994. Stolen from my car at Savannah, GA. Please call Herbert L. Gatchell WB4HZB, 155 Catalina Isle Dr. Merritt Island, FL 32953 305 452-2567.

REMEMBER! ! All stolen amateur equipment HAMBARS are FREE to any licensed amateur - be they a SKIP member or not. Give details like above HAMBAR. Editor,

FOR SALE: Heath HW5400 with 12 V supply. Excellent condx $375.00. Collins 75S3 with 200 Hz filter, good condx $180. Hammarlund HQ-180-AC, very clean condx $130. YK-88C-1 500Hz filter for TS930 $45. Collins 400Hz filter $25. Jerry Grizzel WD4KPW, 1703 Balmoral Dr., Clearwater, FL 33516 813 461-3553.

FOR SALE: KENWOOD TWINS, R599D, T599D with spkr and d104 power mic. Mint condx. Offer. Joseph Oranchak WD4HOX, 12801 Sandburst Lane, Hudson, FL 33567 813 863-1700.

USED EQUPMENT' Ameco 2 and 6 meter AM transmitter, TX62 $25. Ameco VFO for 50, 144, and 220 MHz $10. Hallicrafters SR-42 AM 2 Mtr transceiver $25. Precision Series EV-10 A VTVM with RF and HV probes $10. RCA Institute RF Sig. Gen. 5-bands 170 kc to 50 MHz $7. HAM II antenna rotator $25. Carl C. Seidler KE4VE 1830 Festivo Dr., Holiday, FL 33590 813 934-2903.

SELL: VERY CLEAN ICOM 701 with power supply and mic $390. or will trade on TS830. N. R. Thornton K4JVD, 612 - 24th St., Zephyrhills, FL 33599 813 788-3984.

FOR SALE: Hewlett-Packard 608E VHF signal generator $400. H/P 200AB Audio oscillator $75. Hickok 752 tube tester $60. Heathkit SB301 and SB401 twins both $250. SWAN 700CX, special SSB16B model $375. John Porter W4KGJ, 6890 SW 51 St., Miami, FL 33155 or phone 305 - 666-2058 Prices negotiable.

IT TAKES SOME FOLKS AN HOUR TO GET TO WORK – AFTER THEY GET THERE. . . . . W1GGP Korner..

FOR SALE: KENWOOD TS430 new and PS430 $695. NYE-Viking electronic Keyer model SSK-1-K $65. 40 meter QRP transceiver kit, 1 watt $50. HW-100 transceiver and power supply, clean $225. Has Lent KC4VK 231 Hubbell St., Edgewater, FL 32032 904 427-3922.

SELL 40 year collection vacuum tubes. Advise requirement for availability and price quotes. Wanted: Copies of Short Wave Craft during 1930s or collection of same. M. Levy W5QJT, 4141 Krupp Dr., El Paso, TX 79902 Apt. One.

FOR SALE: FOUR new (still in shipping carton) CECO 572B tubes $150. for all four. FOB. Swan model 350D, used a few hours $300. Heath Hybird phone patch model HD-5 $35. manuals for both. Two (2) used 814 tubes $10. each. Donald Paddock W4MIC, 8550 Jungle Trail, Vero Beach, FL 32-963 305 231-5550.

SIGN IN REPAIR SHOP: "FREE ESTIMATES ARE NOW $5." . . . . . .

COMPUTER SALE: Teletype model 33ASR $100. Radio Shack Model 3, 48K diskdrive $600. Les Dwyer, 500 Chaminade Dr., Hollywood, FL 33021 305 989-5150.

FOR SALE: ATB-34, 4 element beam, 1 year old, ready to haul $100.00. 4 inch cermiac antenna insoulators, highest grade, 65 cents each or 3 for $1.65. min. order 6. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FACTOR OF SAFETY: AN IDEOLOGICAL ALLUSION TO THE FACT THAT SAFETY SHOULD BE CONSIDERED IN DESIGNING AIRPLANES.

FOR SALE: Dentron MLA-1200 amp (8875 final) sept. power supply $375. Kenwood TS520S inc. 2M transverter, A-1 condx comp inc. 2M $425. Dentron MLA-2500 amp. A-1 condx $475. (2 - 8875) finals). Dentron MT-3000 ant. tuner $200. Wanted: Drake MN-2000 tuner, will trade on above. Jack Edlow K4YIW, 200 N. Halifax Ave. Daytona, Beach, FL 32018 904 252-7743.

FOR SALE: Skylane Quad antenna, 3 band, 3 element 10-15-20 meters with all stainless steel hardware, and aluminum spiders and fiber glass spreaders. E. C. Aurand KI4IB, P.O. Box 3923, Vero Beach, FL 32964.

FOR SALE: Kenwood TS520, ext VFO, manuals $475. Casa Marconia, Inc., 7189 SW 8th St., Miami, FL 33141 305 264-8443.

FOR SALE: TenTec Triton IV/540 $285. Solid state oscilloscope DSM-117C $225. Crystal filters 9Mc 2.1 kc $10. Cushcraft 2M A144-10T $40. Wayne Cooper AG4R, 9302 NW 2nd Pl., Miami Shores, FL 33150 305 757-1718.

SELL: Kenwood TS820S, little use, absolutely like brand new $450. Kenwood TR-2400 with case, 2 NiCad packs, wall charger, rubber duck, little used $175. Larsen 2M trunk lip mount 5/8 wave antenna $35. Heath HA-202A, 2M 40 watt amp. A-1 $45. Heath ID1290 WX station, excellent condition $85. KDK 2016 M2 transceiver with TT mic, excellent $150. Collins MM1 mobile Mic $25. Brand new CB mag mount antenna $30.00. Eico tube checker $20. Sears 1000 watt portable generator, great for FD $130. Hobby Paint sprayer air compressor outfit with spray gun $60. All with manuals and cartons. Saul Cohen K4ACJ, 4524 Michigan Ave., Miami Beach, FL 33140 305 531-9782.

FOR SALE: BEAM ATB-34 4 el. $100. 2 meter 8 el beam $15. Ringo Ranger II $15. Allied ham band receiver A-2516 $50. ICOM IC-21 2 mtr 24 chnl $100. Model 14 teletype with 28 sender $40. Pick up only. Dennis Hastie KA4TNW, 2904 - 97th Ave. East, Parrish, FL 33564 813 776-2072.

SELL: Heathkit HW-101 SSB transceiver with power supply, speaker, mike, muffin fan, HM102 SWR power meter and manual. Good working condx on air at present time $175. S. J. Laurenty WB4GLT, 7550 Taylor St., Hollywood, FL 33024 305 989-4801.

FOR SALE: YEASU FT7B $350. FT-101E $400. FT-101EE $475. FT-101 ZD $475. More. CASA MARCONI, Inc. 7189 SW 8th St., Miami, FL 33141 305 264-8443.

SELL: Heath RF wattmeter $20. Heath HW-101 complete $200. Heath Scanning 2 meter LF 7401 transceiver with microcoder, complete $200. Heath Electronic keyer HD1410 $40. Johnson matchbox $40. 2 meter magnetic ant. $8. Monarch output SWR meter $10. Model 33 teletype RO with loop supply $25. 20 ft. tower and heavy duty rotator. You take it away $100. Other misc items. Or best offer. Harry Evans W4OFI, 10006 NW 81 Ct., Tamarac, FL 33321 305 721-2349.

SALE: COLLINS "S" line 75S3B rcvr, 32S3 Tx, 312B4 spkr-watt meter-phone patch. 516F2 power supply. Eldico electronic keyer, Collins 32V3 headset, am/CW TX $850. Mildred Lattanzio. 8681 NW 25 St., Sunrise, FL 33322 305 741-5848.

WANTED: TEN TEC Omni series "C" AC PS 500 cycle filter, mint condx, preferably local area. Lee Leighton K4AY, 3610 Lighthouse Dr., Palm Beach Gardens, FL 33410 305 626-5711.

FOR SALE: 1984 Callbooks, excellent condition, very little used. US $13. Foreign $12. Shipping included. Leo B. Weiner KE4O, 1202 Gulf Oaks Dr., Tarpon Springs, FL 33589 813 937-6591.

FOR SALE: HT-18 $100. 2 sections Rohn BX28 $40. Mosley CL-33 $100. Ron Murphy N4ELA, 2075 Mooring Lane Dr., Vero Beach, FL 32963 305 231-6389.

EVERYONE READS FLORIDA SKIP HAMBARS. They work!

From front page. . . .

Charlie Bukoski, WD4LKY, D.C.A.R.P.S.C. Events Coordinator would like to thank his Coordinators, and all amateurs for their wonderful support during this very busy event time of the year. There will be other upcoming public service events and he is looking forward to having more Dade amateurs participate. Watch for further announcements in SKIP or call Charlie at 253-1413 and get in on the fun.

A DCARPSC certificate of appreciation were given to all who participated.

VHF LINE

By John Moore, W5HUQ

Well, since last month the decline in solar activity has continued its steady pace. The solar flux is in the 70's now and during the peak in 1979 and 1980, it reached highs of over 300. Some may ask what does solar flux have to do with my talking on my radio. Well, if all you want to do is talk across town on the bands above 20 meters, it has nothing to do with your talking on your radio. However, if you want to chase DX, possibly snagging that elusive CE0AA, then solar flux becomes of great importance. The solar flux is a measure of the sun's activity and we all know that the radiation from the sun is what ionizes the layers of the atmosphere which enables us to communicate at distances greater than line of sight.

As previously mentioned, many different types of propagation exist in the VHF/UHF spectrum. For the 6 meter band, the most predominent mode is E layer propagation. E layer propagation can be single hop, double hop, or an many as 4 or 5 hops. The normal distance for E layer propagation is from 500 to 1,400 miles per hop for six meters. Multi hop contacts are not unusual on 6 meters. E layer propagation is most prominent during the months of May through August.

Another mode for 6 meters is F2, with distances of up to 10,000 miles possible. F2 propagation is most prominent during the peak of the solar cycle and during the months of October through December. With the advent of all the new equipment on the market, all you DX chasers, it is possible to work DXCC on 50 Mhz. It is not a feat that will be accomplished in 1 year only, but it is now possible.

Another mode of propagation on 6 meters is TE or Trans-Equatorial. Living in Florida enables us to take advantage of this mode. Distances of up to 2,500 miles to either side of the equator is possible. This mode is most prominent during the months of January through April, with occasional openings during other months. The most realistic times to look for this mode are late afternoon and early evening.

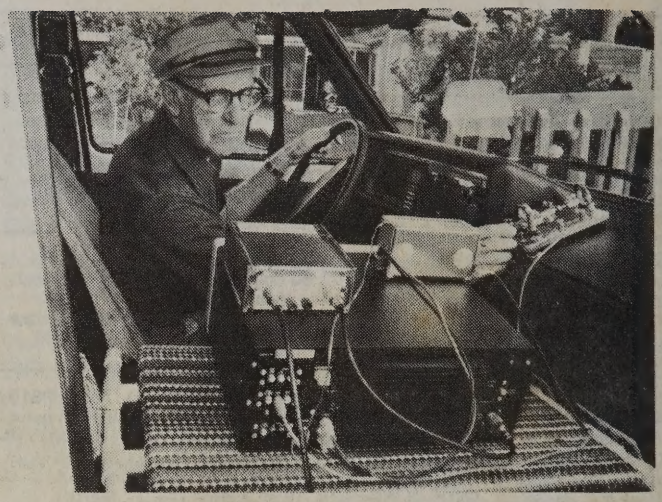
Another mode for propagation on 6 meters is tropo-ducting. Although somewhat rare on 6 meters, it does occur. Tropo-ducting is the one mode that is not related to the solar activity. Tropo-ducting is created by a mass of cold air at high altitude trapping a mass of warm air and then another mass of cold air coming in below and creating a duct for the signal to follow. As I stated, this mode is very rare on 6 meters, but it does occur occasionally.

Also a very good ground wave range exists on 6 meters. Another mode available on 6 meters is forward scatter. This mode, however, takes very high power and very good antennas. It is a reliable mode for north/south propagation available on 6 meters. Other bands will be discussed later.

Since last month, six meters has had numerous E openings to New England, the Midwest, and Western U.S. As this is being written, the 6 meter band is open to Oklahoma, Texas, Arkansas, Missouri, and other states in the Midwest. Signals are very strong, 60 db over S9. With this type opening, it is possible to work most stations with 10 watts or less and a modest antenna.

I know many have never tried 6 meters because of the TVI problems. I will not try to minimize them, but with a properly installed system, TVI is non-existent, except for TV sets that are in poor operating condition. I run a full kilowatt and have had very few problems. So as I have heard many times, try it, you'll like it.

(BALANCED MODULATOR — NO FARS)



Here is Dan Courtney, K4HDV of Bradenton, operating CW mobile in his 1981 VW Rabbit. Using a lawn chair in the passengers seat he sets up his complete station. Dan Enjoys Mobile CW on his long trips to the midwest each year. Look for his article on CW mobiling in future issue. Photo by W8SJO/4.

A LETTER TO THE RTTY GANG

By Howie Clarke, WA4KER

What have you fellows got against the County Hunters Net on 14.070? WE TRY IN VAIN to ask you to QSY to your frequency 14.08-14.10. Are you doing this on purpose and trying to take over ALL of the CW portion of the band, SHAME.

We are supposed to be considerate of each other, but alas you pay no attention. The Russian Woodpecker is sweet music compared to your continual racket.

Your continual racket is interfering with W1AW code practice, SHAME ON YOU, what is so important that you continue with your 10DB over 9 signals from 14.065 to 14.100? FOR SHAME. If I could read your call signs I would like to have a chat with you.

Any RTTY operation below 14.08 is in violation of the ARRL's CONSIDERATE OPERATORS GUIDE. I would like to contact any RTTY station operating on or close to 14.070. Let's try to iron out our laundry within our own group.

73,
Howie Clarke, WA4KER
St. Petersburg, FL

E N C R Y P T I O N

Keith Street G3DKS/W4

The following may be of interest to Florida Hams interested in RTTY (Baudot, ASCII, CW & AMTOR. Some of us listen to commercial press services (UPI, AP, REUTERS, etc) as well as other amateurs. Because of an increased level of "Unauthorised" (ie, unpaid) listerning, most of these services are now using some form of encryption. They mess about with shift, tone, phasing and speeds to confuse the non-entitled receiver, and some even ring the changes on their code every few minutes.

So before you spend up to $2,500.00 on the latest RTTY equipment, remember that you will only be able to use it legimately, that is to talk to similiarly-minded hams.

—NEW EC HANDBOOK AVAILABLE—

The long awaited new Emergency Coordinator's Handbook is now available from the ARRL Field Organization. The Hanbook is 235 pages of important, useful information for new and seasoned EC's alike. If you are an EC and have not yet received a complementary copy, contact your DEC or SEC.

FLORIDA 2 METER REPEATER Map, 4th edition.. Each city has its own box with frequencies listed therein. It has another listing along the left side. Printed, black on golden bond, easy to read paper 11 x 17 inches. Only 25 cents each with your No. 10 Self Addressed Stamped Envelope (SASE) to: Map, Florida Skip, Box 501, Miami Springs, FL 33266.

PLEASE NOTE: Our box ZIP number is now 33266 — not 33166. Post Office changed it!!